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COURTESY OF STARLA DAWN

A crowd of survivors and allies gathered outside of Baltimore City Hall to express their frustration with society's treatment of sexual assault.

Anti-rape march condemns sexual violence

By **SAM FOSSUM**
News & Features Editor

Slut Walk Baltimore sponsored the annual March to End Rape Culture, where students, organizers and members of the community protested sexual violence. The demonstration traveled from Power Plant Live to Baltimore City Hall on Saturday, Sept. 17.

Following the march, around 50 protestors held a rally for victims of sexual

assault and rape.

The event was primarily attended by students from Baltimore-area colleges. High school students, members of the local community and activists from DC attended as well after threats of violence canceled the DC march.

Slut Walk is a transnational organization that protests what they call "rape culture." Similar to other demonstrations organized by Slut Walk,

those who took part in the march dressed in revealing clothing to protest a common assumption that rape victims are "asking for it."

Marchers held signs and chanted, "Yes means yes, no means no, rape culture has got to go."

For one MICA student who spoke, the rally empowered her.

"I would like to talk about two times specifically that I was topless. The first one being now, and the

other when someone that I trusted made me take my shirt off — the difference being that then I wasn't empowered, but here I am," she said. "This is meant to be a moment of strength for us. This is meant to be a moment of solidarity with those that couldn't be with us. And this is meant to be a time for us to think about women who are hurt, men who are hurt, non-binary people who are hurt, transwomen who are killed

SEE MARCH, PAGE A6

A second chance for former inmates

Students hope to combat re-incarceration

By **KATHERINE LOGAN**
For *The News-Letter*

Sophomores Sam Randall and Charlie Wang received a \$20,000 grant from the President's Office to develop their program Build. Develop. Empower. (BDE).

The student-run initiative focuses on providing formerly incarcerated people in Baltimore with employment opportunities. Randall and Wang received the money by winning the University's Ten by Twenty Challenge.

Randall summarized the goals of BDE. He said that they hope to change the stigma surrounding the employment of former inmates.

"[We want to] develop programs to train the

previously incarcerated population for jobs, and in doing so show that it's not a lack of ability, but rather a lack of opportunity that holds them back. We really want the participants to see how the money is helping them," he said.

Although gaining the support of corporations such as Baltimore Gas and Electric (BGE) has been a positive development for BDE according to Randall and Wang, they emphasized the vital role of Hopkins students in building the program.

"We're going to need Hopkins volunteers to tutor. There's a huge spot for probably the most valuable mentorship, tutoring opportunity that you could possibly do and

SEE BDE, PAGE A5

New party policies: Are they working?

By **KAREN WANG**
For *The News-Letter*

The Homewood Undergraduate Party Registration and Safety Policy was implemented last semester as a means of controlling parties and the behavior of students who attend them. Such measures include requiring party registration and the presence of Sober Party Monitors.

Additionally, an amnesty provision encourages students to actively seek medical assistance in the case of alcohol overconsumption by granting them immunity to punishment.

The City of Baltimore introduced a new bill last year with harsher regulations on noise complaints.

Calvin Smith, the director of Fraternity and Sorority Life (OFSL), believes these policies are an important step towards safe partying.

"I am happy to see that we have taken a proac-

tive stance in putting our students in a position to make positive decisions around keeping their peers safe when consuming alcohol," Smith wrote in an email to *The News-Letter*. "I believe [the amnesty provision] will enable individual students and groups to more easily make the right decisions."

In executing the policy, the OFSL has required fraternities and sorority members to undergo training to reinforce the new policies and has implemented various safety procedures.

"It holds fraternities accountable while encouraging them to prioritize safety."

— DAVID WEINER-LIGHT, AEPi PRESIDENT

Fraternity and Sorority Life has trained the leaders of the twenty-one respective organizations, specifically the presidents, social chairs, and risk chairs, about the Homewood Undergraduate Party Registration and Safety Policy and will continue to do so each semester for new

SEE PARTY, PAGE A4

University holds first anti-hazing week

By **SIRI TUMMALA**
For *The News-Letter*

National Hazing Prevention Week, dedicated to combating hazing through education and awareness initiatives, took place from Monday to Thursday.

The Office of Fraternity and Sorority Life (OFSL) hosted the new initiative in conjunction with Athletics, Homewood Arts, the Office of Multicultural Affairs (OMA), the Peabody Institute and Student Leadership and Involvement. This is an annual event organized by HazingPrevention.Org, a national anti-hazing organization.

Calvin Smith, the director of OFSL, said that the purpose of conducting different sessions was to educate students about the dangers of hazing and inform them about preventative measures.

"Hazing has always been a pressing issue, the difference now, like many other issues in society with the advent of social media and education around the topic, is a heightened awareness that we must address as a University to make sure we are equipping our students with accurate information to make appropriate decisions," Smith wrote in an email to *The*

SEE HAZING, PAGE A5

TCO Labs hosts innovation showcase



COURTESY OF KUNAL MAITI

Potential entrepreneurs attended TCO's event in the Arellano Theater.

By **MEENA REDDY**
For *The News-Letter*

Student-run nonprofit TCO Labs hosted the Entrepreneurship and Innovation Showcase on Tuesday to teach students about the start-up resources available at the University.

Sophomore Anthony Garay, founder of TCO Labs, described how he hopes the organization will function as a resource hub for budding entrepreneurs on campus.

"We hope you can see [TCO Labs] as the central organization that provides you with the resources and connects you with the people that you need to make your idea a reality," Garay said. "Even if you're not an entrepreneur, even if you don't have an idea, maybe it'll inspire you to go out there and come up with something. Even just going and seeing the speakers and meeting really cool people and networking and being part of a student group — that's really something that we want the community to get into."

Garay explained that in addition to the showcase, TCO Labs will also host a number of workshops, networking events and symposiums designed to promote entrepreneurship at the University.

"We focus on three key areas: programming, community building, and connecting," Garay said. "Programming hosts three events a year—the fall kickoff, and a light-hearted fall symposium where we have student speakers. The big conference is in the spring, and

that's just bringing in people from all over the place, even New York City, Philadelphia, just trying to get startups, students, entrepreneurs, alumni, everybody together in one room at one conference."

Johns Hopkins Technology Ventures (JHTV) sponsored the Showcase. Venture Coordinator for Student Projects Kasim Ahmad explained the overall mission of JHTV and its role in the Baltimore community.

"TechVentures works to commercialize research and technology that's coming from students and faculty as well as support economic development and job creation in the greater Baltimore area," Ahmad said. "We provide a front door to the Baltimore innovation ecosystem, and a way to find out about opportunities that are available based on each individual student's goals and interests as it pertains to entrepreneurship or technology."

Garay advised students

SHOWCASE, PAGE A4

INSIDE THIS ISSUE

Should Kaepernick kneel?

Gregory Melick criticizes Kaepernick's silent protests during the national anthem.

SPORTS, PAGE B11



Hopkins and the Great War

A new exhibit across Hopkins campuses explores the effects of World War I on the University and its affiliates.

ARTS, PAGE B3

Diversity wins at the Emmys

Opinions editor Gillian Lelchuk on how TV continues to be a more progressive, inclusive medium than film.

OPINIONS, PAGE A11

NEWS & FEATURES

Prof. discusses models of faith and science



CINDY JIANG/PHOTO EDITOR
Prof. Gnanadesikan explained how his research overlaps with his faith.

By **NANCY WANG**
For *The News-Letter*

The *Hopkins Dialectic*, a Christian student journal, hosted Anand Gnanadesikan of the Department of Earth and Planetary Sciences to speak at an event titled "Models of Truth: An Environmental Scientist's Perspective" in Krieger Hall on Sept. 15.

The *Dialectic*, which first published last spring, is focused on exploring the intersection of Christian faith with science, literature and philosophy. Gnanadesikan, a practicing Christian, spoke on the relationship between science and faith and its role in how he perceives life.

He began by explaining the skills involved in his work in environmental sciences.

"What I do in my professional life is I make models of how the planet works by looking at how different parts of a system work together [which allows me to] draw conclusions about mobility, dynamics and understand

how this evolves over many time scales and how it will change in the future," Gnanadesikan said.

He then shifted to the topic of modeling. Gnanadesikan argued that a model is a simplified mental conception of how the world works and further elaborated that all models must be simplified.

"There is only one planet; there is a system that is too big for me to study," Gnanadesikan said. "It has too many processes going on for me to isolate just one."

However, as a result of this simplification, Gnanadesikan explained that all models were wrong and incomplete in some way, which calls into question their usefulness and the validity of their insights.

One of the models that Gnanadesikan discussed was the Stommel model. Key to understanding the ocean salinity gradient, Stommel's model reduced ocean waves and currents into two simple boxes. According to Gnanadesikan, this model has reduced the entire ocean circula-

tion into one single equation, enabling it to predict salinity transitions.

While modeling is often applied to science, Gnanadesikan went on to explain the importance of models in everyday life. Taking away lessons from Stommel's model, he suggested that simplification was essential to understand the complex world around us, and that how we simplify our worlds establishes what we learn about it. For example, our own models could be based on culture, family, personal desires and moral frameworks.

"In thinking about our models, we think about ourselves — what's good for me is good for the world," Gnanadesikan said. "We also think about family. We don't want to live in a way that would let our family down or differ from the way we were raised."

Gnanadesikan related his own struggle to find his model, which began by trying to emulate important leaders.

"The only way to be loved is to be worthy," he said. "And the only way to be worthy is to be like Gandhi or Jesus... You want to be like Gandhi or Jesus, ok?"

Gnanadesikan then noted that it was complex to be like Gandhi or Jesus, and that his idea of a model grew to seek the source of love which he found in the book of John in the Bible.

"No one has ever seen God," Gnanadesikan said. "God's only Son, the one who is closest to the Fa-

ther's heart, has made Him known."

In his final remarks, Gnanadesikan challenged listeners to find their own model.

"Who is your model? What is your model? When [you] follow this, does it bring love?" he asked. "You need to find a path where... what you see coming out is love."

Organizers of the event, Dan Ju of *The Hopkins Dialectic* found Gnanadesikan's lecture interesting and relatable.

"I really appreciated [Gnanadesikan's] tone, which was very respectful and gentle in explaining his understanding of the way things work," Ju said. "I get a sense of helpfulness from him, and think he brought something really profound [into discussion]."

Graduate student Michael Mow, the *Dialectic* member who invited Gnanadesikan as the speaker, echoed Ju's thoughts on the talk.

"I think he left it very open and very thought-provoking, which is good because [the goal of *The Hopkins Dialectic*] is to encourage discussion, and not just give the right answers about everything," said Mow.

Other students, including freshman Bessie Liu, appreciated the unique relationship between Gnanadesikan's profession and his views on life.

"I thought it was a really interesting connection he made between [the modeling of] ocean waves and morals," Liu said.

Bloomberg donates to public health school



RUBENSTEIN/CC BY 2.0
Alumnus Michael Bloomberg donated \$300 million.

By **ROLLIN HU**
News & Features Editor

Hopkins alumnus Michael Bloomberg announced that he will donate \$300 million to the Bloomberg School of Public Health on Thursday, Sept. 15. The donation will establish the Bloomberg Public Health Initiative, which will work to improve five focus areas affecting public health: drug addiction and overdose, obesity, gun violence, adolescent health and environmental threats.

The initiative will pursue these goals by dedicating \$125 million to hiring 25 additional professors for the Bloomberg School, who will increase the School's connections to various governmental and non-governmental organizations across the United States.

The new professors will also be able to take

search. The goal of this research would be to pioneer domestic public health policy around the five listed focus areas.

Furthermore, the initiative will dedicate \$100 million to the Bloomberg Fellows Program, which will offer full-tuition scholarships for 50 Master of Public Health (MPH) students. The MPH students will specialize in one of the five focuses of the initiative. An important aspect of this program is the fact that these fellows will have the ability to return to their home communities for a year to work in public health.

The remaining \$75 million is designated to the creation of a *Doctor of Public Health* program and a biennial public health summit. This summit will call together Bloomberg fellows, researchers and relevant organizations to share research findings addressing important public health issues.

The Bloomberg School of Health was founded 100 years ago in 1916 under the name "The Johns Hopkins School of Hygiene and Public Health." It was then renamed to the Bloomberg School of Public Health in 2001 in order to recognize Bloomberg's financial support and dedication towards public health research. This gift coincides with the 100th anniversary of the founding of the school.

In an email to the Hopkins community, University President Ronald J. Daniels wrote about why he thought Bloomberg's donation was critically important.

"Individually and through the Bloomberg Philanthropies, Mike's unparalleled lifetime commitment of over \$1.5 billion has had an extraordinary impact on virtually every part of our university and health system—our campuses, our discoveries, our scholars and scientists, now and for the future," Daniels wrote. "In fact, there is no individual who is having a more transformative effect on a single institution of higher education in this nation. We are, once again, deeply grateful for his vision and his faith in our university."

Daniels also emphasized the importance of the donation for the future achievements of the School.

"This gift is more than a recognition of a storied past; it is a potent affirmation of the School's future, and our resolute determination to tackle—with ingenuity, compassion, and persistence—our most daunting contemporary public health challenges," he wrote.

BMA hosts workshop to reflect on Baltimore community

By **EMMA ROALSVIG**
For *The News-Letter*

The Baltimore Museum of Art (BMA) hosted a community workshop and discussion titled "Why Do You Live Here?" as part of its Open Hours series on Saturday, Sept. 17.

Open Hours, a monthly program hosted at the BMA, focuses on creating community through conversations, workshops and lectures.

Baltimore natives Geoff Stack and Davon Barbour, along with Native American Piscataway Elder Rico Newman led the "Why Do You Live Here?" workshop and facilitated the discussion as the event's participants explored their personal relationships to Baltimore.

The workshop focused on the concept of 'home' in relation to the *Imagining Home* exhibit currently on display at

the BMA.

The exhibition invited people to think about the place they live in not only as a physical space but also as an emotional one.

The exhibit features a wall reading the words, "Home is an idea that is both shared and deeply personal, subject to individual aspirations, beliefs, and experiences. For some, home is a sanctuary, a place of security, affection, and comfort. For others, home is unstable, precarious, and even dangerous."

The workshop was broken down into three smaller group conversations, which revolved around the questions, "What brought

you here?", "When or where are you most in love with Baltimore?" and "How is this place unlike any other?"

Although each group was comprised of participants spanning across generations, members were able to discover commonalities in their

responses as to why they considered Baltimore their home.

Participants were also surprised and excited to hear how similar their initial reasons

for coming to Baltimore were.

In the first small group discussion that *The News-Letter* was a part of, Baltimore community member Obi Okobi emphasized the importance of living in a beautiful city.

She initially saw the event on Facebook and was interested in hearing other community members' opinions of Baltimore.

The group also agreed that the local city farmer's markets were a perfect mixture of community and diversity,

from Pittsburgh to Baltimore for the Baltimore City Teacher Residency. She came to the city looking for a more diverse community and educational equity and has worked in the education system here now for 14 years.

The group agreed that the views from the Patterson Park observatory pagoda and the top of Federal Hill Park overlooking the Inner Harbor best showcased the beauty of Baltimore.

The group also discussed the opportunities and abundant resources available in a city like Baltimore that are both educational and occupational.

The group expressed a collective desire for a location where events and festivals were always taking place.

In another small group discussion that *The News-Letter* was a part of, the group explored the different ways Baltimore brings together disparate groups and creates a unified community that encompasses many different perspectives and opinions.

The group noted that many of the city's annual food festivals and events bring people from different backgrounds together. Lexington Market and the Sunday Farmer's Market under the Jones Falls Expressway were both mentioned as essential conglomerations of the eclectic and the quirky aspects of Baltimore.

The group also agreed that the local city farmer's markets were a perfect mixture of community and diversity,



COURTESY OF ALLY HARDEBECK
Members of the Baltimore community shared their experiences in the city with one another.

Violent protests erupt in North Carolina over fatal police shooting



COURTESY OF POOJA PASUPULA
Protesters took to the streets in Charlotte, N.C. following the fatal police shooting of Keith Lamont Scott.

By CATHERINE PALMER
Managing Editor
KELSEY KO
News & Features Editor

A second night of protests in Charlotte, N.C. over the shooting death of Keith Lamont Scott by police turned violent on Wednesday. One civilian was shot and is currently in critical condition and on life support. North Carolina Governor Pat McCrory declared a state of emergency a few hours after the incident, calling up the National Guard and State Highway Patrol.

According to the City of Charlotte's twitter account, the victim, who remains unidentified, was shot by another civilian and not the Charlotte-Mecklenburg Police Department

(CMPD). Four officers also experienced nonlife-threatening injuries.

Earlier Wednesday, hundreds of demonstrators shut down both lanes of Interstate 85. According to CMPD Chief Kerr Putney, a tractor-trailer was broken into and its contents were set ablaze. Police used tear gas to break up the crowd, which Putney described as a last resort.

"As always, our officers tried to facilitate demonstrations and protests... but when that behavior becomes violent, aggressive and destructive, we have to act as we did," Putney said at a news conference Wednesday morning.

Protests over Scott's death first erupted Tuesday night and sixteen po-

lice officers were wounded.

Charlotte Mayor Jennifer Roberts addressed the ongoing chaos Wednesday. "We are urging people to stay home, to stay off the streets," she said. "Violence is not the answer."

Scott's widow, Rakeyia, released a statement Wednesday, condemning the violence.

"Keith was a loving husband, father, brother and friend who will be deeply missed every day," she said. "As a family, we respect the rights of those who wish to protest, but we ask that people protest peacefully. Please do not hurt people or members of law enforcement, damage property or take things that do not belong to you in the name of protesting."

Scott, a 43-year-old black man, was shot by

CMPD on Tuesday afternoon. According to Putney, officers were looking for someone else with an outstanding warrant when they approached Scott, who was sitting in his car.

Police said in a statement Tuesday that officers had watched Putney before approaching and saw him exit. He then returned to his vehicle with a gun in hand. When they confronted Scott, police say he exited his car with the gun and refused to lower it, posing an "imminent deadly threat."

Brentley Vinson, the officer who shot Scott, is also black and has been with CMPD for two years.

Scott's family says he was reading a book in his car while waiting for his son to come home from school and was unarmed. According to Putney, no book was recovered from the scene. U.S. Attorney General Loretta Lynch said Wednesday that the Justice Department will be "assessing" the shooting.

Scott's daughter, Lyric, began recording the incident on Facebook Live moments after her father was shot and can be heard confronting officers.

"They shot my daddy 'cause he's black," she said. "He was sitting in his car reading a motherf**king book."

Scott is survived by his wife and seven children.

Senior Corey Payne, co-president of Hopkins Students for a Democratic Society, emphasized how vital it is to discuss this

event as a part of the racial tensions and police brutality debates that have taken a hold of the United States in the past several years.

"It's important to put this struggle in the context of the entire movement for black lives. People aren't rising up because one black man was murdered by police. People are rising up because his death is part of a pattern of state violence against black people — a pattern that is continuously traceable to before the founding of the republic," Payne wrote in an email to *The News-Letter*. "Will the unrest swell beyond North Carolina? I certainly hope so. But these aren't singular events with singular reactions — the state violence is connected and the uprisings are connected."

Junior George Gulino remarked that it is interesting to note how racial violence within cities has swelled since President Obama took office, which is contrary to what the American public would suspect.

"It's sad that, at the end of the Obama presidency, we are more divided along racial lines as a nation than we were before he took office," Gulino wrote in an email to *The*

News-Letter. "President Obama was widely seen as a figure who would unite the country. Instead, racial violence in our inner cities has returned in a manner reminiscent of the 1960s. It's interesting that almost all of these cities experiencing race riots are run by Democrats."

Payne believes that the negative actions of the government and authorities have caused the violent backlash against police in cities throughout America.

"The events in North Carolina and in Oklahoma over the past few days just show again that this struggle is far from over — and it will not be won through traditional political channels. Only through collective action can we truly change a violent system," Payne wrote. "It's important to put the causal mechanism in the right direction: the reaction of the oppressed comes in response to the violence of the oppressor. So long as our government continues to oppress, exclude and murder it's own citizens, how can anyone expect the outrage to stop?"

Sophomore Caroline Lupetini noted that history seems to keep repeating itself, and that these shootings and protests have become a regular occurrence in the U.S.

"I'm never surprised anymore — it's a vicious cycle of a police shooting, protests and the officer never being convicted and sometimes not even indicted. The protests in Charlotte are, of course, justified, and the response by police with riot gear and tear gas is infuriating and perpetuating the problem of a trigger-happy and militarized police force in this country," Lupetini wrote in an email to *The News-Letter*. "It's unfortunate that this protest is becoming more violent than the concurrent ones in Tulsa, for example, but the anger, frustration and sadness in the black community is evident."

She also pointed out that it is interesting because it was a black officer who shot a black man.

"The fact that the officer that killed Keith Lamont Scott is himself black may seem intriguing, but irrelevant to the larger and more important point that police in the United States act more like a paramilitary force than protectors of local communities," Lupetini wrote.

Sophomore Anthony Garay expressed his sympathy for the unrest in North Carolina.

"My heart goes out to the Scott family and to the people of Charlotte. It's truly unfortunate to see that more injuries and shootings have happened as a result of the protests," Garay wrote in an email to *The News-Letter*. "I can't help but remember watching the Baltimore riots unfold before I came to Hopkins, so I would urge the people of Charlotte to protest peacefully. Don't destroy your city and let's not lose any more lives."

"The reaction of the oppressed comes in response to the violence of the oppressor."
— COREY PAYNE, CO-PRESIDENT OF HOPKINS STUDENTS FOR A DEMOCRATIC SOCIETY

MedPanel hosts discussion on ethical dilemmas in medicine

By ALYSSA WOODEN
For *The News-Letter*

The Johns Hopkins Medical Ethics Discussion Panel (MedPanel) held its first discussion meeting of the year on Tuesday, Sept. 20 in Charles Commons. The topic of the discussion was Ethics in Crisis Situations, which focused on how medical personnel prioritize care in times of extreme duress and limited resources.

The meeting opened with a presentation highlighting the objectives of MedPanel discussions such as debating medical ethics, preparation for medical school interviews and connecting with other students interested in medical ethics.

MedPanel president Donghyun Kim noted that an online journal will launch this semester featuring student voices on topics discussed in their meetings.

The panel then introduced two conflicting principles in medical ethics: Utilitarian Medicine, which advocates for the greatest number of lives saved, and Deontological Medicine, which emphasizes the individual patient.

The discussion began with relatively broad questions, prompting students to consider any ethical issue that could arise during a medical crisis. Audience responses were slow at first, but panel members facilitated the conversation by asking additional questions and offering possible answers.

The panel discussed the real-life example of the loss of power and

running water at Memorial Hospital in New Orleans due to Hurricane Katrina. There, doctors prioritized patient care as best they could, but as the situation worsened they ultimately made the decision to inject critically ill patients with morphine to "hasten their deaths."

Participants were also asked to consider a scenario in which a hospital could only save a limited number of patients, including older, terminally ill patients and babies with genetic disorders not expected to reach adulthood.

The physician in this hypothetical scenario was a family member of one of the affected children.

Students were conflicted over the most ethical course of action. Freshman Prakul Suresh acknowledged that thoughts during the panel discussion may differ from the potential actions taken in the situation.

"I realized that there are huge discrepancies between what I may say right now is the ethical thing to do and what I might actually do in the situation," Suresh said.

Although these situations forced students to make difficult decisions, the panel made the argument that considering these sorts of cases are essential, especially for students going into medical fields.

"In medicine you don't think about these things, but especially if you want to be a doctor you have to be ready to face these ethical issues," sophomore panel member Ansh Bhammar said. "At a young age you

think, 'Oh, I just want to become a doctor,' but when you join things like MedPanel you actually think critically about the career you're going to have and the problems you're going to face."

Participants related to Bhammar's insight on the ethical challenges doctors face. Freshman Sean Bunachita learned how tough it can be to prioritize in healthcare.

"I learned that it's actually really tough deciding what you should prioritize during a crisis situation because some people have difficult ethical standards than others and trying to confine that into one central policy is really tough," Bunachita said.

Despite the difficulty of the choices they were faced with, students enjoyed the fast-paced, mentally demanding aspect of the discussion.

Students found the fast pace of the discussion engaging and different from university classes on ethics.

"It was pretty cool to be kind of put on the spot and have to think things out; It's not something we did in Bioethics, where we have weeks to write papers," senior panel member Diana Lee said.

Senior

Rob Besch agreed with this sentiment and added that MedPanel allowed for greater discussion.

"Intro to Bioethics is a really good course," Besch said. "But it's a course, and your TAs are overworked and underpaid, and here you get to talk in a group setting about what you guys believe and ask yourself really critically *why*, helping you understand your own opinions."

Senior panel member Ketty Liang noted that the event not only helped her explore ethical dilemmas in medicine but develop speaking skills.

"One of the major benefits of this group is not only does it promote group discussion, but it also promotes public speaking and it really prepares an individual for not only a medical school interview, but [also for] the ability to discuss any controversial issue and support it with facts and support it with their own ideas rather than just kind of give some sort of generic, cardboard answer," Liang said.

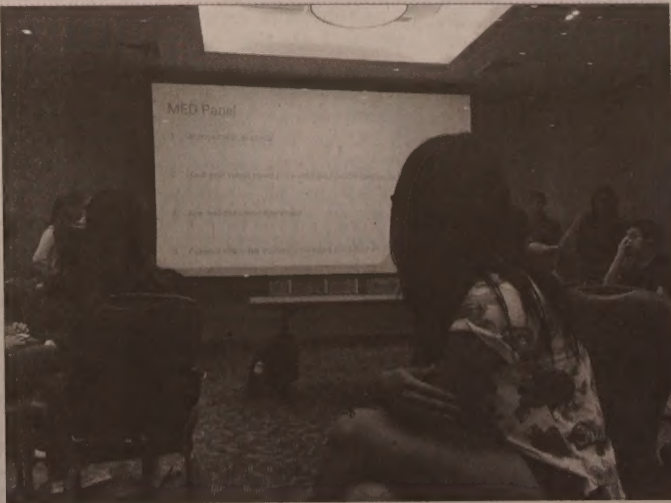
Panel member Amy Clarke found that the discussion was not just for pre-meds but was relevant to other students as well.

"It's not just supposed to target pre-med students," Clarke said. "It's supposed to target students from all over the University, which I think is really important because sometimes you sort of have a divide between pre-med and non-pre-med students, and this club is a way to bring them all together to discuss something they're interested in."

Liang reiterated this sentiment and expressed hope that all students will find interest in the discussions.

"MedPanel is a small, discussion-based room, but at the same time we want to extend that so that the entire Hopkins campus, pre-med or not, can get involved in the discussion, because ethics affects everybody."

Students were challenged to form their own ethical opinions at this year's first MedPanel.



COURTESY OF ALYSSA WOODEN
Students were challenged to form their own ethical opinions at this year's first MedPanel.

NEWS & FEATURES

Student body reacts to new party policies

PARTY FROM A1

leaders that transition into those roles," Smith wrote. "Upon completion of that training the respective officers for each chapter must complete an assessment to verify that they understand their responsibility when hosting parties on or off campus. Additionally, I work with our community liaison and a representative from CHEW to review party submissions on Hopkins Groups, collect guest lists, [ensure] the houses have received safety checks and make sure all of the appropriate people have received Sober Party Monitor Training."

Smith noted that a major challenge is the change in the way that Greek life chapters operate. The implementation of Sober Party Monitors, registered events and other facets of the policy are relatively foreign to Greek Life.

"Our policy just aligns university practices with national best practices for events sponsored by organizations that provide alcohol," Smith wrote. "The working group within the Dean of Student Life's office will continue to work through the policy to find areas where we can streamline the process to make it easier for students."

Despite the many adjustments, Smith sees the Party Registration and Safety Policy as an overall success.

"There has been an improvement in the behavior and noise control at events hosted by fraternities and sororities. Noise complaints, underage drinking infractions, citations from the city are all down dramatically from this time last year," Smith wrote.

Additionally, fraternity members themselves generally agree on the importance of the new policies and view it as a method in guaranteeing safe and responsible parties.

"I think it is a great system. It holds fraternities accountable while encouraging them to prioritize safety," junior David Weiner-Light, president of Alpha Epsilon Pi fraternity (AEPi) wrote in an email to *The News-Letter*. "Beforehand, fraternities were penalized for making sure students got the attention they needed in dire circumstances."

Weiner-Light also believes that while the policy itself has required many changes in Greek Life operation, AEPi's approach towards partying has not changed as much.

"Our policy has always been to prioritize the safety of our guests. In that sense, [the Party Registration and Safety Policy] hasn't impacted our behavior but it gives guests peace of mind to know that their safety is paramount," he wrote.

Subsequently, Sober Party Monitors play an extensive and important role when alcohol is served at the parties being thrown by fraternities.

"Sober Monitors are crucial to the success of parties. It varies from event to event but typi-

cally, they are at the door checking for invites and ID's and [are] inside ensuring that everyone is safe," he wrote.

Sophomore Jack Karyo who is a trained Sober Party Monitor again stressed the importance of his role in ensuring safety at parties.

"Basically, the role of a sober party monitor is to make sure that everyone at the party is safe," Karyo wrote in an email to *The News-Letter*. "It's very important that the monitor stay aware at all times in order to identify potential risks and to make sure that those risks are resolved. This keeps the party from getting out of hand and posing a hazard to the safety of those attending."

Regarding the Baltimore City noise law, treasurer of AEPi, junior Adriano Zarzur, spoke

"I will not say everything is perfect. We are still working through the process."

— CALVIN SMITH, GREEK LIFE DIRECTOR

about how the fraternity has to take into account potential fines that may occur throughout the year.

"We simply plan for fines in the budget," Zarzur wrote in an email to *The News-Letter*.

"While we do all we can to avoid noise complaints and fines, it would be financially irresponsible to not plan for them."

The student response to the Party Registration and Safety Policy, and specifically to the presence of Sober Party Monitors, has been polarized. While some view the policy as a safety blanket for an overconsumption of alcohol as well as a stepping stone towards responsible behavior, others see it as ineffective, since they have never witnessed evidence of its successful implementation.

"I have never seen a Sober Party Monitor when I went out. I've heard of them, but I've also heard the parties they were at weren't very good," a student said who wished to remain anonymous because of drinking laws. "I think [the Hopkins administration is] probably [implementing the policy] in order to make themselves look good, to make themselves look like they're taking responsibility for the way their students are behaving and trying to exert some control over [their behaviors]."

Additionally, this source has noted that they have never been on a party's guest list while attending parties.

Another anonymous source recounted that while walking past a party, they were invited by a Sober Party Monitor to go inside but the source declined to enter due to how strange they said the situation was.

Despite the training of FSL and the changes being made to partying methods, Smith believes that the Party Registration and Safety Policy still has room for improvement.

"I will not say everything is perfect. We are still working through the process making sure the entire community is educated, but statistically we are in a much better place," Smith wrote.

Israeli writer talks role of modern women



Lihi Lapid shared her experiences balancing career and family life.

By PETER JI
Senior Staff Writer

Best-selling Israeli author Lihi Lapid gave a talk titled "The Evolving Definition of the Modern Woman" on Wednesday, Sept. 21 in Charles Commons, co-organized by the Coalition of Hopkins Activists for Israel (CHAI) and Hopkins Hillel. Lapid has published three novels and writes a weekly newspaper column about women's lives and their experiences juggling multiple roles.

Lapid was also in Baltimore to accept the Pamela Claman Leadership Award at the Jewish Women's Renaissance Project (JWRP), which ran from Sept. 18 to Sept. 20 in College Park. The Pamela Claman Leadership Award is given to those who have significantly shaped the Jewish world with their inspired leadership and for serving as an international role model to Jewish women around the world.

Lapid's latest book, *Woman of Valor*, combines her personal experiences as a career woman and mother, with actual letters she has received in the past from readers of her column. Lapid's talk largely drew from these experiences, as she examined her professional and

required her to go to airplanes and pack 20 kilos of equipment with her.

"I sat there for six months seeing everybody photograph where I was supposed to photograph," she said. "No one is looking for a photographer who wants to breastfeed for four hours a day."

At this time, she attended a number of panels and television shows on women's issues. Lapid noticed that although many women attended these panels, very few of them actually spoke out at the event. According to Lapid, these women did not want to publicly share how much they knew about a topic.

"Women don't want to say, 'I know a lot about this and I can talk about it'" she said.

Lapid then elaborated by sharing a personal anecdote. While she was on a panel, a man had once asked her why she had decided to attend. When Lapid responded by saying because she was a feminist, he responded with, "You aren't showing it."

Lapid also pointed to her mother and grandmother as role models who set the foundation for women in modern Israel. She noted that during her mother's generation, there was the prominence of latchkey kids in Israel, kids who returned to home alone after school due to working parents. It originated during World War II, as female participation in the workforce increased.

Lapid ended her talk by urging women to be themselves, love themselves and find compromise and common ground. She also expressed hopes that in the future it will become normal for women to free-

ly pursue their own work. "Being a working mother is a very new thing," Lapid said. "The generation of our mothers was the first to go out of their house. My mother wanted us to have everything she didn't have."

Lior Mass, an Israeli citizen who took a year off to do volunteer work before military service, helped facilitate the event. She appreciated Lapid's honest and unobtrusive speaking style.

"I enjoyed the way she spoke to us directly," Mass said. "It was very authentic. She had a very interesting life and it was a big honor for her to be here."

Junior Daphna Varadi, co-president of CHAI, spoke to the relatability of Lapid's talk.

"She was great," Varadi said. "She spoke about how amazing it is that today moms can work without the stigma of when she was growing up. The fact that her mom worked was basically embarrassing when she was a kid, but she emphasized how important it is for women to do what they want today: be a full time mom, work part time, or not work at all. She also incorporated being a mom in Israel, with a kid in the army and being a wife to a high profile politician, but still made it relatable to Americans."

Lapid has written three books about her journey through life and motherhood, *Woman of Valor*, *Secrets from Within*, and *I Can't Always Be Wonderful*, as well as a bestselling children's book. Although Lapid writes in her native Hebrew, she does her own translating and her most recent book is available in English.

Showcase promotes student entrepreneurship

SHOWCASE FROM A1

interested in entrepreneurship to take full advantage of the resources available to them and to push forward with their ideas, despite how daunting it may seem initially.

"Come to our events, get connected with us through our website. Most of all, don't be afraid," Garay said. "Entrepreneurship is a scary term — it's a long word. A big misconception is that to be an entrepreneur, you have to have a really good idea. The reality is, the idea is only a small part of it. If you ask any venture capitalist, they'll tell you this. You can have a pretty bad idea, but if you have a great team, people will still invest in you... Just build things and see what happens, because that's how startups are born."

At the showcase, students had the opportunity to network with representatives from the participating organizations. For freshman Nancy Zhang, the showcase served as an introduction to entrepreneurial resources on campus that she was previously unaware of.

"I was very impressed with the opportunities the school had to offer when [Hopkins] doesn't seem to have an emphasis on business or entrepreneurship," Zhang said.

Sophomores Benjamin Pikus and Parth Singh attended the event, hoping to learn more about

the resources available on campus for their own startup, Motrack Therapy, which uses motion sensors to aid in hand-wrist rehabilitation therapy.

"There were a lot of resources on campus that I didn't know about [before this event], particularly the ones that are in Carey [Business School]," Pikus said. "I learned a lot about the PEVC [Private Equity and Venture Capital]. That's something I'm interested in checking out more. I think entrepreneurship is a good avenue to, cliché as it is, change the world. I think entrepreneurship is the best avenue to do that. Research is very much in the lab, so I think entrepreneurship lets you do research in a way that helps people."

Singh added that networking was a key component of promoting their startup and that the showcase provided the necessary platform for such networking.

"It's always good to meet people who are involved in all of these different activities on campus," Singh said. "We're

very passionate about our project, but passion itself isn't going to make it happen. We have to go out, we have to meet people who are going to help us do this."

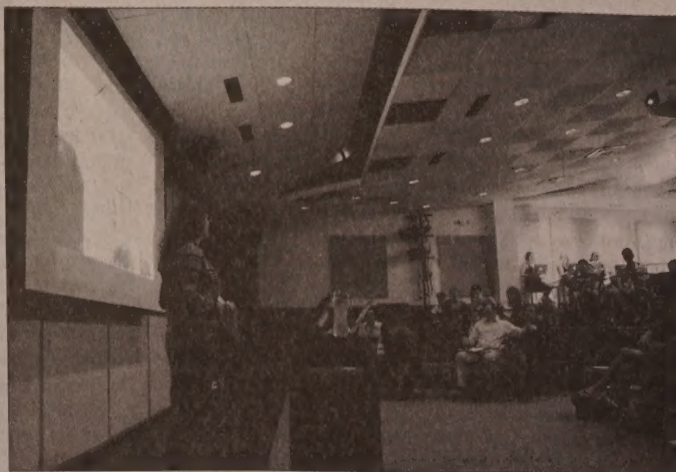
The showcase began with each group describing their organization and the entrepreneurial opportunities they offered for students.

There were a total of 12 entrepreneurship and business groups in attendance: A-Level Capital, Alpha Kappa Psi (AKPsi), Contrary Capital, HopHacks, Hopkins Students Enterprises, MedHacks, Nourish International, Hopkins Biotech Network, Johns Hopkins Financial Technology Club, Johns Hopkins Private Equity & Venture Capital Club (PEVC) and Medical and Educational Perspectives (MEP).

Hopkins Student Enterprises is the um-

brella group for nine student-run businesses on campus, such as Hop and Shake. During the group's presentation, senior CEO Noah Presler encouraged interested students to join even if they had no prior experience in entrepreneurship.

"Entrepreneurship can be very intimidating. The word itself has such a weight that it intimidates people and pushes them away," Presler said. "There are 10,000 reasons why not to start a business, especially as a student... Hopkins Student Enterprises, however, wants to make entrepreneurship accessible to everyone by taking these 10,000 reasons and incentivizing you so that they don't exist, so that there are more reasons to get involved with entrepreneurship than not to."



COURTESY OF KUNAL MAITI

TCO Labs hosted an entrepreneurship showcase which featured several student groups.

NEWS & FEATURES

Students empower former prisoners



COURTESY OF KATHERINE LOGAN
Randall (left) and Wang (right) won the Ten by Twenty Challenge.

BDE FROM A1
it's really unique," Randall said. "A volunteer would have no idea how much of a difference they're making."

BDE started as a project for an Intersession class "B'More: Baltimore City Urban Planning" taught by Laurie Feinberg, assistant director of the Baltimore Department of Planning, before it grew into the idea they submitted to the Ten by Twenty Challenge.

"We were working on this project throughout the winter. We started in January in [the] Intersession course... where the end-of-the-week project was to help some people in Baltimore somewhere, a very open-ended project," Randall said. "We kind of by chance worked together and wanted to create vocational programs to give [the formerly incarcerated] jobs because we saw that as the root of the problem. We worked on it, presented it to the class. Charlie turned to me after and said, 'Let's take this out of the classroom,' and so we did."

Randall and Wang interacted with the community and local nonprofits to understand the formerly incarcerated population's needs. By working with institutions such as the Caroline Center, they realized the importance of focusing on soft as well as hard skills. Soft skills refer to communication, networking and management, while hard skills refer to technical knowledge.

"Hard skills are very much what the job requires. For example, say that somebody is going to be a pharmacy technician assistant. In that case, they need to know some of the medical terms, the kinds of medicines, etc., but then there's also a lot of other things that are important to the job such as talking and interacting with the customers," Randall said. "This was part of our inspiration, to really focus on soft skills because they are applicable across industries, across jobs. They influence not only the job... but also their personal life."

Wang discussed the opportunities that the program is currently developing.

"We have formed a partnership with BGE. They're part of Exxon, which is a Fortune 500 company," Wang said. "They have given us a lot of flexibility. They have an apprenticeship program that they're setting up in 2017, and we'll have quite a bit of opportunity to work with them on that."

In January 2017 the organization will be releasing more information for anyone who is looking to volunteer or get involved in the program.

The co-founders stressed the importance of students getting involved in the greater Baltimore community, not only for the community's benefit but also for their own.

"What really made a difference was that we were able to go out into the community and actually speak with people who live there, with real Baltimoreans. We were down in Station North and Waverly. Through being able to walk around these communities, talk with residents, we were able to get a sense and feel how much love there is in Baltimore," Wang said. "Baltimore is a really special place. It's not something you can experience just from the Hopkins campus or from reading about it. You really have to get out there and experience it yourself."

SARU outlines focus on student engagement

By FAITH TERRY
For The News-Letter

The Sexual Assault Resource Unit (SARU) hosted an informational panel to promote the club's resources and its upcoming activities this semester. The group, which advocates for increased awareness and education on the issues of rape culture, sexual violence and consensual relationships, held the panel on Friday, Sept. 16 on the Freshman Quad.

The organization's officers greeted students who approached the table with food, handouts and informational pamphlets, encouraging students to ask any questions about the goals and structure of the club. The information session was also a way to encourage students to apply to SARU.

Despite the approaching deadline for applications, SARU Events Co-Chair Chase Alston told students not to worry.

"The application is quick," Alston said. "It's intended mostly to ensure that the group is a safe space for survivors."

Recruiting new members was not SARU's only goal for the event, according to Events Co-Chair Mayuri Viswanathan.

"We're trying to get to know some new people around campus," Viswanathan said. "We want to make sure people are aware of the resources we have available, including our hotline."

SARU members oper-

ate a 24-hour crisis hotline, and the students who run the hotline are trained in counseling and confidentiality.

In addition to spreading the word about SARU's many resources for students, Alston told curious students about the various team-building projects the club has planned for the coming months.

"We want to have more social events like this one later on in the year to help foster a community within the different members," Alston said. "For our members, we want to build a safe space as well as a community."

Viswanathan said that in the future, the club is also looking to involve even those who are not members of SARU, including all students on campus and members of the Baltimore community.

"We're going to have more events open to the general student body, and we hope these will help students become more educated and involved in the topics we address," Viswanathan said. "We're looking to hold more events that speak to the theme of what we are as an organization but also



ELLIE HALLENBORG/PHOTOGRAPHY EDITOR
SARU invites students and the community to join the fight against sexual assault.

present us with the opportunity to get off campus, so we're planning to take members of our community out into Baltimore, to a few different venues."

According to Viswanathan, this kind of community involvement is essential to helping SARU become closer as an organization.

"We'd really like to get more involved in the Baltimore community with things that are related to our mission and the things that we advocate," she said. "We'd like for members to participate in community events and have a chance to experience the 'real world.'"

The club leaders promoted one upcoming event in particular: SARU's Night Out. While SARU has not yet announced the details for this year's SARU's Night Out, in the past it has included dinner in Baltimore and featured keynote speakers such as attorney and activist Lau-

ra Dunn.

Alston said that the organization is planning to involve other student groups in their advocacy and events.

"For the previous year or so, we've had a lot of partnerships with other groups here on campus for projects that fit within both their mission statements and ours," Alston said. "I think continuing to do that would allow us to get our message out across campus."

The group's decision to hold the panel on the Freshman Quad maximized its impact and gave members the chance to talk to students one-on-one in order to increase interest in the club.

"We're targeting foot traffic, and we hope people stop to ask us questions, freshman or not," Viswanathan said. "We want to make our presence on campus known and make sure people feel comfortable approaching us."

Hazing Prevention Week initiatives educate students

HAZING FROM A1
News-Letter.

Programs included trivia night with JHUnions and game night at the Glass Pavilion. The highlight of the week was the keynote speech held on Tuesday, Sept. 22 in the Glass Pavilion by Gentry McCreary, who focuses on risk management on college campuses and is dedicated to helping Greek organizations eliminate hazing and substance abuse problems throughout America.

Throughout his 14-year career, McCreary has worked on several Title IX investigations at universities and has conducted award-winning research on the connection between hazing and moral development, making him a leader in his field.

The audience at the talk consisted primarily of officers of various fraternities, sororities and sports organizations. During his speech, McCreary touched on five hazing myths and discussed specific ways to prevent hazing.

"Hazing persists because of the myths society builds around it of its perceived good it does," McCreary said. "Fraternities are the main group of people targeted for hazing though it is also a problem in high schools among sports teams and cheerleading squads because it is the highest rate of hazing deaths."

McCreary dispelled the myth that hazing is only done by underground organizations and emphasized that Greek life creates a certain en-

vironment that allows for hazing to occur among its members.

"The first myth is that hazing is only a problem with rogue members," McCreary said. "We should not treat incidents from rogue members as isolated incidents since they have a tendency to behave that way. It is not just rogue members participating in hazing, as the culture of Greek life gives members permission to do it."

Smith wrote in his email to *The News-Letter* that hazing is prevalent in many organizations, but that Hopkins' new member retention rate in Greek life points to signs that the University's hazing is less than that of other colleges.

"I cannot say that hazing is an issue unique to Hopkins. It is a societal issue," Smith wrote. "It is more prevalent with some groups (i.e. Varsity Athletics, Fraternities and Sororities, Bands, Sports Clubs, Service Fraternities, etc.); From an FSL perspective we have a new member retention rate of 92 percent. This would lead me to believe we have less issues with our new member initiation programs across the board based on my experience."

McCreary also spoke about how new members often volunteer to participate in an activity they would normally not feel comfortable doing when they are in the presence of people who have authority over them.

"The second myth is that it is not considered hazing if freshman members volunteer to do

it," McCreary said. "It is hard for new members to tell authority figures they feel uncomfortable with doing something that is not necessarily forced but even just strongly encouraged because of the obedience to authority. Although hazing is an easy way to create a memorable experience for new members, it is up to the officers to create other positive ways to give them a meaningful experience."

McCreary stressed that hazing is not a way of winning the respect of underclassmen.

"The third myth commonly associated with hazing is that it teaches respect," McCreary said. "Instead of gaining respect, freshman and other new members actually lose respect for people who haze them."

Smith echoed his sentiment, saying that hazing reinforces power dynamics among organizations by creating a perceived sense of respect among new members for current members.

"Hazing, like many things, has not changed. It has taken on a different form but it has not changed at its core," Smith said. "Hazing is always about exercising a power dynamic over others. It may come in different forms depending on the group type, but at its

root it is about exerting a power dynamic over a person or a group of people in effort for them to gain entry (or acceptance) into an entity or organization."

In addition, McCreary shut down the notions that hazing builds a sense of loyalty and community among new members, and that it is a some sort of custom or ritual that must be passed down.

"The fourth myth is that hazing builds unity. There is actually no connection between commitment and hazing. It only creates temporary gratification from getting through the horrible hazing activities, which leads to a negative relationship in the

long run," McCreary said. "The last myth is that hazing is a tradition. The founders of fraternities and sororities did not intend for hazing to exist. It is up to the individuals of an organization to not encourage such behavior."

McCreary provided specific strategies that officers of clubs, sports teams and Greek Life can employ in their organizations to avoid hazing. He stressed the importance of using preventative measures instead of waiting to take action until something bad occurs.

"Officers should push the line back of what is acceptable since something that seems harmless now can potentially progress into something very harmful in the future," McCreary said. "The leaders should educate new members about what it means to be good members. Also, it is important for officers to remember that they must take responsibility for their actions and devise new ways to encourage bonding among their organizations."

Although most of the audience were already aware of hazing as a pressing issue, students spoke positively about McCreary's talk. Senior Emily Karcher, who is the president of the Pi Beta Phi sorority at Hopkins, spoke about how she will apply what she learned at the talk to the chapter.

"I think it's good to bring the way he said everything back to the individual members of the chapter because everybody could have gotten something good out of this," Karcher said. "We all have something to learn from this, even if it is just something that we maybe knew but needed a reminder of."

Junior Joan Golding hopes that McCreary's discussion about the importance of creating a safe, anti-hazing environment will impact the University's organizations in a positive way.

"I thought that the speaker did a good job of addressing all aspects of hazing and I hope his message was able to reach all the groups so that we can have organizations that lift its individuals up rather than intimidating them," Golding said.

March Against Rape Culture empowers victims



COURTESY OF SAM FOSSUM
Hopkins freshman Clara Liff stands in front of Baltimore's City Hall.

MARCH FROM A1
every single day and women of color whose stories are never told. We need to think about these things, and we need to talk about intersectionality within our social justice."

Event organizer Kira Stoyko said that her own assault inspired her to get involved with Slut Walk.

"What originally got me into the cause was my own assault. I mentioned I was with EMTs when I was assaulted, and that's a very male-centered field, and I hate to say that it crossed my mind that reporting would make me look weak," she said.

Stoyko stressed the importance of awareness and said that the event provided a useful forum for victims of sexual assault and rape.

"It is not just to spread awareness to the people who come but to the people who are passing by," Stoyko said. "It is also very cathartic for some of the people who come and talk about their own experiences. That's why we have the open mic. Like that one woman who came up and spoke and, for one of the first times, mentioned her own assault. It is all about spreading awareness, and the more we can let people know that it is not okay to objectify women and that it is not okay to touch anyone despite their gender, or non-gender conforming. That's how we change things."

During the open mic a member of Men Against Sexual Violence and Domestic Violence spoke about how the D.C. Slut Walk march was cancelled and the importance of continuing to speak up.

"We came up to Baltimore to support everyone else, but we're supporting everyone globally, and I think that it is something important that you all know. The justice system has failed you, and there are certain men in this world that have failed you. But there are men out here, up here, that won't fail

you," he said. "We need you to know that you have our support, and anytime there is an event — in the United States or abroad — we will do what we can to support you and to make sure that you are safe, because the last thing that you need to do is cancel any event that you have because of threats, or anything. Because you do not need to be silenced in any way, shape or form."

Sage, a high school student who has taken classes and worked at Hopkins, attended with her two friends Asante and Sefa. She came to the march to support other friends of hers who had been sexually assaulted.

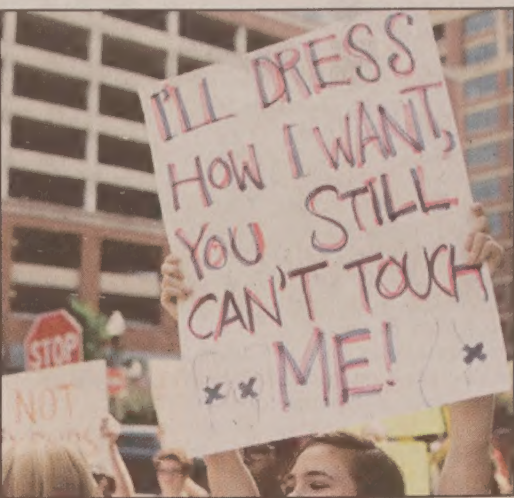
"I came down here because I've had two friends who were raped, and I'm only sixteen. That's a problem," Sage said. "I also came down here because my school had talked about it, but no one wanted to act. It's a good idea to have a call to action when coming to these events and to make sure that this conversation continues."

Later, in an email to *The News-Letter* she wrote about the impact the event had on her and her experiences at Hopkins.

"Hearing the magnitude of the words from these men and women was so important. Seeing that this many women had been sexually assaulted over the course of their lives puts into perspective the intensity of rape," Sage wrote. "I'm not a Hopkins student, but I've taken a summer course and I do work there. Throughout both I can attest to the fact that I've been catcalled or commented on based on my appearances. Wearing shorts? Slut! Wearing jeans? Prude! It's all over the spectrum of policing female bodies."

Asante spoke about how society has affected her views about herself and her own body. She further emphasized how intertwined our culture is with sexual assault and rape.

"It's been really in-



COURTESY OF STARLA DAWN
Marchers held different signs to protest aspects of rape culture.

grained into my own psyche that I don't have the right to take up my own space, or even value my own body as something that I have the right to feel comfortable in. Ever since I was a kid I've thought that. And it's really f**ked up. I think women [should] have a baseline of what they expect from themselves, [and] that's why I came," she said. "What's f**ked up is that rape culture is normal culture. That's just our culture, it has become so embedded that there is no way to estrange the two."

Sefa said it is important to make themselves heard and take action.

"I feel like it's very important for us to use our voices to make changes like this instead of sitting at home and doing nothing or contributing to the rape culture we see around us," she said. "I think it is very important that we do whatever we can, rather than just sitting around and accepting it."

The three students felt it would have been more productive if the event had a more diverse crowd. Sage further elaborated in her email to *The News-Letter* about the importance of addressing intersectionality as it relates to sexual assault.

"Women regardless [of race and sexuality] are raped, of course, but the percentage of difference by race is startling. The representation of women of color, LGBT women, etc. is viable to the overall discussion of rape culture," Sage wrote.

Freshman Emily Lee, one of the few Hopkins students that attended, felt moved by the event and found it inspiring.

"I'm definitely feeling empowered. I really want to reach out to people who have gone through

sexual assault and rape. I want to be there for them. I want to send a message to everyone that [victims of assault] exist and that they should not be ostracized by society," she said. "Rather, they should be protected, they should be supported and they are an important part of the future."

In her opening remarks Stoyko stressed how culture has such a strong influence on our lives and that, to effect real change, we need begin by making cultural change.

"Culture is learned, culture is ingrained, culture is an integral part of our life — and it starts early," she said.

Stoyko spoke about the current difficulties in prosecuting rape and sexual assault, and she highlighted the importance of teaching children early about respecting an individual's physical space.

"Baltimore City throws out about 40 percent of rape cases before they are even investigated, without even questioning the subject — if they are deemed too hard to prosecute, too hard to prove," Stoyko said. "However, at the same time I see hope. I'd like to think that if we teach boys back in the first and second grade — and girls — that it is not okay to chase someone... or use sexual, physical violence to convey their young emotions, then we won't have to deal with rapists or sexual assault when they're older."

Some of the men and women who came forward at the rally spoke about sexual assault and rape in their communities, while others shared their own experiences.

One speaker shared how she became a feminist and what the term and movement means to her.

"When you say the word 'feminist' people look at you like you're a man-basher. Feminism is equality for everybody, and while I do believe that we should stand up as women because we have been oppressed for so long, I really like the term 'equality' because everyone gets raped," she said. "There is no prejudice against who can be touched."

Morgan Ome contributed to reporting.

SGA introduced to new diversity officials

By SARAH Y. KIM
For *The News-Letter*

The Student Government Association (SGA) welcomed new administrators Jamie Riley, associate dean of diversity and inclusion; Annalise Setorie, assistant director for programming at the Office of Multicultural Affairs (OMA); and Christian Pavik, international outreach and engagement coordinator at the Office of International Services (OIS) as guest speakers to their weekly meeting on Tuesday in the Charles Commons Salon.

Terry Martinez, associate vice provost and dean of student life, was also in attendance.

The three guest speakers outlined their goals for the Hopkins community, which revolved primarily around the continued fostering of diversity and inclusion on campus.

They also expressed a desire to work hand-in-hand with the SGA to fulfill their responsibilities and create a more tight-knit University community.

Pavik expressed his desire to bring the needs of international students to the forefront of University's focus, while also expanding outreach in other areas of the greater Hopkins community.

"There are so many resources at Hopkins that allow you as students to be successful in moving forward," Pavik said. "My goal is focusing on the international student community and making the inclusion effort to make our international student population known on campus, as well as fostering those other students that are not here on Homewood campus, [such as] students from the Peabody Institute."

Setorie explained that the OMA will begin to focus extensively on issues of racial identity and its intersectional with ethnic identities.

"We've kind of restructured a bit," Setorie said. "We no longer house academically focused programs. We now have three main areas we focus on: leadership, diversity, education and programming, and we do that through a racial multicultural lens. We are working with our cultural student organizations and SEED [Students Educating and Empowering for Diversity] to make sure that across campus we are facilitating workshops and conversations that students want to have and are necessary to have on campus."

One of the ways administrators are hoping to help foster dialogue among students on racial awareness and diversity is through a new workshop event called Identity and Inclusion at Hopkins.

Riley explained that the event was being organized specifically for first-year and transfer students.

"We are really focusing on increasing educational efforts to enhance students' awareness, knowledge and skills as it relates to cross cul-

tural consciousness and interacting and engaging across differences and similarities," Riley said. "We are helping to organize and facilitate a workshop for first-year and transfer students called Identity and Inclusion at Hopkins. The team will be facilitating that workshop with students, with peer leaders, so we will be using organizations, SEED and diversity educators that will be co-facilitating that experience for all 1300, 1400 first year students. The team is working on training co-facilitators now, but we'll also be looking as we're trying to implement this in the future... for student collaboration to help us serve as co-facilitators and to give us student perspective as well."

Riley, who previously worked as an associate dean at the University of California, Berkeley, discussed what attracted him to Hopkins specifically, in response to an inquiry from junior Anna Du, SGA executive vice president.

"Other campuses do not have leadership at an administrative level that I feel are as fully invested and committed," Riley said. "To have someone at [Martinez's] position who promotes and commits to this work was a major reason why I wanted to come here and do this work. There are administrators here who know what needs to happen and who are willing to make the investment and commitment. That is the big difference I have seen."

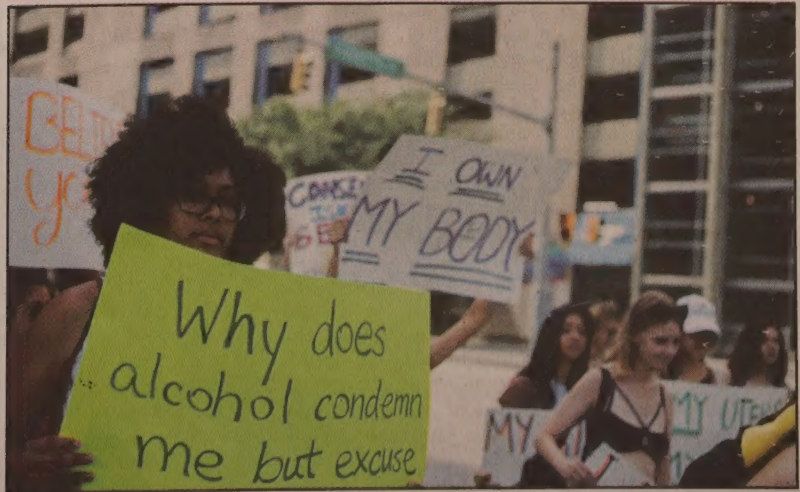
However, Riley also addressed the University's shortcomings, particularly with regards to its inclusivity for different groups of students.

"Hopkins, like many other universities in this country, has not done its best around inclusion for students from certain identity groups," Riley said. "There is a lot of work that still needs to be done to make students feel like this campus is their campus too. In other campuses I have worked at, I see the same issues repeating themselves."

Setorie echoed Riley's sentiments in commending the University for its continued efforts to improve its shortcomings in making the campus environment more inclusive of different groups.

She also advised students that sometimes it was necessary to pause and take a step back, whether it be for their own mental health or simply for the sake of taking a break.

"It's really empowering to see that Hopkins is recognizing that there are things to change and that they are taking the steps to change them and making sure it is inclusive as it can be," Setorie said. "One thing I've noticed is that I would like to empower students to just be and to be okay with just being. As students, you're all caught up in academics and doing everything. It's okay to just be. It's okay sometimes to sit with yourself and just be who you are. As a professional that is something I would encourage students to do."



COURTESY OF STARLA DAWN
Students, organizers and community members marched through the Inner Harbor chanting and held signs.

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VOICES

Hopkins is a diverse university, where an incredible mix of cultures, academic interests and personalities coexist and thrive...

Charles Hatfield: The moisture accelerator of the 20th century



Rollin Hu
Irrelevant History

Charles Hatfield could not control all weather phenomena, only the rain part. Except don't call him a "rainmaker." He prefers "moisture accelerator."

Starting out as a sewing machine salesman in the early 1900s, Charles Hatfield would wander through the dry, godless wasteland known as Southern California. There, he would preach to farmers, small towns and city councils that he could bring salvation and that he could baptize the dirt of the earth with his "moisture accelerating recipe."

And here it is, yanked from the annals of history:

- Materials**
- Tower
 - Secret batch of 23-ish chemicals
 - Suit
 - Money for train/bus ticket

- Methods**
1. Build a big tower a couple of stories high in an empty field or something like that.
 2. Mix your batch of 23-ish secret chemicals.
 3. Put on a suit.
 4. Climb up the tower (see step 1) while wear-



PUBLIC DOMAIN
A drought devastated California, but Hatfield came to the rescue.

ing your suit (see step 3) and put the batch of chemicals (see step 2) in a giant evaporating tank which you should've put on top of a tower.

5. Buy some train or bus tickets in case you need to leave town in a hurry.

6. Make it rain both literally and figuratively.

And it rained... Most of the time. Whether it was all by coincidence or because the fact that Hatfield wore a suit is unknown. People believed in his ability to make rain, and he would correct them and say "accelerate moisture."

In 1915, the San Diego City Council needed water so they asked Hatfield to fill the Morena Reservoir. After some business negotiation, it was verbally decided that Hatfield would receive \$10,000 dollars once the reservoir was filled.

So Hatfield got out his suit and his 23ish chemicals and his tower and his bus ticket. He set everything up according to his recipe and then he and the rest of San Diego waited for the rain. And it did indeed begin to rain. And rain. And rain. Bridges were destroyed. Homes and farms flooded; an estimated 20 people died; damages were estimated to be \$3.5 million. It was a lot of rain.

The rain filled up the reservoir (and a whole lot more), and Hatfield wanted to get paid for providing his blessed service to the people of San Diego. But the San Diego City Council also wanted to be paid for all the damages made by Hatfield's rain.

Following American tradition, he sued them and they sued him. In the end, the courts ruled that the rain was "an act of God" so Hatfield was not to be paid and will not have to pay and God did not have to pay because God is outside of the jurisdiction of the U.S. court system.

Hatfield continued this business of bringing rain to the desperate and the gullible until he was stopped by a force greater than weather: The U.S. economy. The Depression had hit and people no longer had the means to pay for the services of a man who claimed to bring water from the sky.

Hatfield went back to

being a sewing machine salesman and died in 1958 with his recipe for rain still a secret.

What was in that recipe? Making freshwater to fall from the sky can fix a lot of problems nowadays (ex. making Southern California hospitable to life or increasing the amount of arable farmland in third world countries).

According to the book, *The Rainmakers* by Clark Spence, one news editor reporting on Hatfield wrote that the chemicals smelled like "a limburger cheese factory has broken loose... These gases smell so bad that it rains in self-defense."

Seems legit.



PUBLIC DOMAIN/JIM LEE
Hatfield went around dried up Southern California to offer his help.

Don't get electrocuted, use three-prong plugs



Meagan Peoples
Ignorant in America

Today I learned, and I really feel like I should have noticed this before, that the left slot on an electrical outlet is slightly larger than the right one. I have to admit, I feel a little stupid.

Now, anyone who is an electrical engineer or just smarter than me can stop reading right now (no one needs to make a comment on how large a group of people that describes). I am about to spend quite a lot of time describing something very basic. Hopefully there are people out there who are getting up off their hands and knees, having just stared down their outlets, who will appreciate this foray into mediocrity.

Otherwise, I guess it shall just be me talking to myself for the next 600 words, but when is it not really? Truly the worst part of all this is that I had to look up most of this information because

my parents didn't raise me with a basic understanding of how most household appliances work: I believe it can be safely said that I had a horrible childhood.

So the reason most electrical plugs are at least two-pronged is that one wire is "hot" (the right one) and the other one is "neutral." Together with the plug itself they complete a circuit, and electricity can flow. If you have trouble remembering which is which just remember that the hot one is the smaller one because in America even our outlets reinforce negative body imagery. Of course the actual reason it is called a hot wire is because it carries current from the source to the object you are trying to power though the neutral wire also carries current, albeit back to the source.

Some of you might be saying, "Wait, but don't some plugs have three prongs on them?" Though most of you are probably saying, "Wait, is this entire article actually going to be about wiring?" But that's okay because both answers are yes.

The third wire that some plugs have is called a ground wire, and, unsurprisingly, it is a grounding wire because it brings current

to ground. The neutral wire also does this, but unlike the neutral wire the ground wire doesn't carry any current, in fact it doesn't connect to the circuit at all.

"So what does it do?" you ask. "Does it just sit there all useless and sad like a Band-Aid on a broken arm? Does it just spend each day staring at the other wires wondering why it isn't doing more with its life?" No, that's just me.

The ground wire is in fact exceptionally important. Should the insulating covering on either the neutral or hot wire wear thin or should either wire fray, very bad things could happen. "That's so ominous, what could it possibly be?" I hear you say, and I congratulate you on your excellent questions. Truly I couldn't have come up with better ones myself.

The problem with fraying wires is that, should any parts of the circuit come in contact with the casing of the object it's supplying electricity to, one of your household appliances

could go live. That isn't to say your kitchen will suddenly start to reenact *The Brave Little Toaster*, but you could electrocute yourself just by touching your hair dryer. Either way, however, someone will end up crying.

So in general, although I can't speak for everybody — "You can't?" No I can't, dear reader — I believe that people don't want to get electrocuted. So why aren't all plugs three-pronged? Well, there are two main reasons.

One is that some appliances are doubly insulated, which means that there is an inner casing which may come into contact with a current carrying wire, as well as an outer casing which cannot.

Often this outer casing will be made of a non-conductive material as well, such as plastic. The other reason is that the requirement for grounding in electronics wasn't enacted till the 60s. So if you see a cool vintage toaster with a two prong plug and are just dying to try it out, don't... unless I should take what you say more literally.

What's the Word?
This Week on Yik Yak

Check back
each week to
see what the
anonymous
students of
Hopkins have
to say.

← Yak

MrVader

There's a little Shia LaBeouf inside of all of us.

2h Baltimore

← Yak

crocsorsandals

my j card smells like beer

23h Baltimore

← Yak

sassycheeks

Went to grandmas for the weekend, gained 10 pounds

1d Timonium

← Yak

EIBuenoEIMaloEIFeo

About a month into semester. Also about a month behind.

11h Timonium

VOICES

Here is the section where you can publish your unique thoughts, ideas and perspectives on life at Hopkins and beyond.

Other things we need tests for

If being a student at Hopkins has taught me anything, it has taught me that tests are the only *real* way to measure someone's aptitude in something.

Here are a few things I think I would be better at if they counted towards my GPA:

Cooking

When the closest you get to eating non-processed food is licking the spoon after your roommate bakes something, you know you have a problem. While I don't think a test would be able to make me good at cooking, maybe I will at least be well fed as everyone around me starts cramming for their exam.

Laundry

Even I would do laundry if it counted towards my grade, but otherwise I need to get *desperate*. All I'm saying is it might not be a bad thing if I had the motivation to wash my bras more than once a month.

Roommate

Though it sounds like a game show, I think it would be a good thing to be forced through a trial run with your friends before you became roommates. If nobody has seriously injured themselves, hooked up or had any kind of traumatizing incident by the end of the week then everyone gets an A.

Sleeping

I don't really need help with this one, I just think it would be such a huge GPA boost. Need me to sleep standing up in front of a bus full of people? Been there, done that!

Eating

Assuming we are graded on quantity over quality, I feel like I could also ace this class.

Watch out for Joseph, a folk and pop band



Hayley Bronner
Rising Ambitions

All girl band? Check! Three sisters singing together? Check! Catchy without being cliché and overplayed? Check! Everything we could have ever dreamed of in a new band? Definitely! Joseph brings a brand new sound to our playlists. This all-girl folk and pop band is a perfectly harmonic blend of voices and acoustics.

Three sisters Allison, Meegan and Natalie Clossner sound like all of your dreams blended into one band as their sweet voices fill your headphones. They grew up in Oregon with two creative and artistic parents. Their father was a jazz singer and drummer while their mother was a theatre teacher. From a young age, Natalie was always the performer who was able to command the attention in the room, even if it was just family. Meanwhile Allison and Meegan, who are twins, stayed out of the spotlight, but sometimes participated in their mom's musical theatre productions. Eventually Natalie went off to college and attempted to

pursue her own music career seriously.

By her senior year, Natalie had recorded an EP and went to Nashville to explore the music scene and work on her guitar playing and songwriting, but then an interaction with one of her friends changed everything. He told her "I don't think you really believe in this," so Natalie knew that something needed to change. She decided to ask her sisters to join her in the music industry.

"We thought she was asking us to be background singers, so we didn't take it that seriously," Allison said, "but eventually everything all came together."

They recorded their first album, called *Native Dreamer Kin*, and released it themselves but under the name Dearborn. Soon after, the three sisters went to the eastern Oregon town of Joseph to visit their grandfather Jo. Allison created a playlist for the trip and

titled it "Joesph," likely out of convenience and clarity. It hit the sisters, then, that this was why they were doing what they were doing.

"These are the sounds of the land that we've lived on," Natalie said, so they knew that the name would stick.

Since then, the Clossner sisters have toured with artists like James Bay and Amos Lee, but they have also built their fan base through backyard parties, living room parties and house parties along the Western states. As of now, Joseph is signed to ATO Records, but they built their fan base way before signing with them.

Joseph just released their second album *I'm Alone, No You're Not* on Aug. 26 and the title alone attracts us to it. They recorded the songs with acclaimed producer Mike Mogis at his studio in Omaha and are now touring the United States. They will be in Washington D.C.

on Oct. 16, but if you cannot make it to that show, you can catch one in Philadelphia on Oct. 19 or in New York on Oct. 21. These ladies will also be touring with James Bay in the upcoming weeks, with a show in New York on Sept. 30, among many other major cities. These shows are not to be missed.

Joseph can easily be compared to HAIM, which also consists of three sisters — Este, Danielle and Alana Haim. Although one can see and hear a superficial resemblance, Joseph's sound is unique and new. Just hearing one song from their new album brings instant satisfaction and an urge to hear more. In particular their songs SOS (Overboard) and White Flag have beautiful music and lyrics that I just want to hear over and over again.

Be sure to check them out on Spotify, Twitter (@thebandjoseph), Facebook (@thebandjoseph) and ns-tagram (@thebandjoseph)!



JUSTIN HIGUCHI/CC BY 2.0
The three Clossner sisters released their sophomore album *I'm Alone, No You're Not* in August 2016.

Songs to kick off this upcoming autumn



Juliana Veracka
The Playlist

We're swiftly approaching the end of September and the beginning of my favorite season: autumn! Or do you prefer to call it "fall"? I personally like to alternate between the two. I love the fall so much — mostly the beginning of it — because we've still got some of that leftover summer sun mingling with a bit of an incoming winter chill. Plus the changing leaves never fail to maintain my spirits even as the cold-

est, darkest months loom closer. With the changing of the seasons upon us, I figured the time was right for a proper fall-themed playlist to usher in the best time of the year!

1. "Fall" by Dotan: This first one is a new discovery of mine. Of course, I chose it because of the name, even though it's not really referring to the season, but also because it's got this really beautiful airy sound that somehow reminds me of a fall breeze. It's not a slow song by any means either. If you're going to check out only one song from this list, I'd suggest this one.

2. "Grand Theft Autumn/Where is Your Boy" by Fall Out Boy: Okay, this one is 100 percent chosen for the name. I'm not even sure why it's called "Grand Theft Autumn" (the "Where is Your Boy" part makes

sense when you listen to the song), but if you know anything about Fall Out Boy's song naming ethic, especially on older albums, then this isn't a surprise to you. Regardless, this is some classic FOB right here, so you're welcome.

3. "Sweater Weather" by The Neighborhood: I'm pretty sure almost everyone has heard this one before. It sort of speaks for itself. Fall is, after all, the start of sweater season. The music itself reminds me of a gray fall day, and I remember hearing it a lot last autumn.

4. "Bubbly" by Colbie Caillat: An oldie but goodie. Who didn't love this song back in the day? Okay, actually, I wasn't the biggest fan of "Bubbly" when it first came out. But now I listen to it with nostalgic fervor. It's sort of comforting, I think, and worth a listen if you

haven't heard it in a while. It's a great song to listen to on a cold day when all you want to do is stay in.

5. "Colors" by Halsey: I listened to this song a lot last fall when it first came out. It's honestly gorgeous. The name even

works for autumn because it's such a colorful season (even though that's not what the song is about).

6. "Flaws" by Bastille: I've been listening to this one a lot recently, and I have a feeling it's about to become my fall song for 2016. It's a lovely song about recognizing the flaws within yourself and within others and accepting them as part of who you are. With the weather beginning to change, some of us need positive messages to keep us going in the coming months.

7. "Do I Wanna Know?" by The Arctic Monkeys: Thank you to the Lyft driver who reminded me of this song's existence. Nothing can beat the opening rhythm of this one. Even when I don't feel like listening to the entire song, I'll put it on just for the beginning. It's suitable for the darkening days ahead, as its tune is sort of dark too. Oh, and, as per the suggestion of my Lyft driver this past weekend, check out the Hosier cover of this one. Apparently it's excellent.

7. "Someone New" by Hozier: Speaking of Hozier, here's one of my favorite songs by him. This one is sort of about falling in love with all the different kinds of people that you meet. It can probably be construed in various ways, but I think of it as a song about romanticizing people and life and love, and since I find fall to be a romantic season, I can't help but find "Someone New" to be a very fitting addition to this playlist.



CECIL/CC BY-SA 3.0
British indie band Bastille rose to prominence in the U.S. with their 2013 hit "Pompeii."

the johns hopkins

NEWS-LETTER

Editorial

Student groups working with prisoners help our city

Hopkins announced the winners of the second annual Ten by Twenty Challenge last spring with the goal of the challenge to deepen the University's connection with the greater Baltimore community. Individuals from across the University submitted 80 ideas, which received votes from thousands of interested students. In the end, five winning proposals were selected to receive up to \$20,000 in grant money.

One of these winning proposals was Build. Develop. Empower. (BDE) This idea, conceived by sophomores Sam Randall and Charlie Wang, focuses on providing former prisoners with opportunities for employment. BDE aims to create and facilitate vocational training programs to help previously incarcerated prisoners achieve financial stability and avoid re-entering the prison system.

The Editorial Board commends the Ten by Twenty Challenge's initiative and views the future implementation of BDE as an important step for the University to increase its engagement with the Baltimore community. This program will address the crucial issue of recidivism, when former inmates relapse into previous criminal behavior and end up in prison again.

Prison reform within Baltimore and the United States is becoming more of an issue. In a 2015 report conducted by the Justice Policy Institute and the Prison Policy Initiative, Baltimore

City had 7,795 people in prison out of a total of 620,960, according to the 2010 census information. The state of Maryland had a total of 22,087 residents in prison out of a total population of 5,773,552.

However, BDE is not the only Hopkins group that has taken notice of problems with the Baltimore prison system. The Jail Tutorial Project has been serving inmates at Baltimore City Detention Center for over 40 years.

Jail Tutorial Project is a student-run group that offers educational services to the inmates, and is currently the Center for Social Concern's second oldest program. Each week about 30-40 volunteers visit the detention center where they offer the men and women help with a range of educational topics including GED prep.

The Editorial Board commends the students of Jail Tutorial for their participation implementing active change aimed to better the lives of inmates and ultimately solve the cyclical problem of incarceration that plagues the Baltimore community.

Student-created programs like Build. Develop. Empower. and Jail Tutorial Project are helping to improve life for current and former Baltimore's inmates, and they are also working to lower recidivism rates in our city. By offering educational programs, Hopkins students hope to keep people from going back to prison after they are released.

In addition to these programs, the Editorial Board appreciates

efforts by the University to reach out to the community. By providing grants like the Ten by Twenty Challenge and offering outreach classes like the B'More Urban Planning Intersession course, Hopkins helps encourage its students to make real and lasting change in the city.

Randall and Wang developed their idea as a project for this course. The assignment prompted students simply to help someone in Baltimore. Randall and Wang thought of this program and decided to take it out of the classroom by applying for the Ten by Twenty Challenge.

In addition to these programs, mass incarceration needs to be discussed more. For instance, Piper Kerman spoke as part of the Foreign Affairs Symposium (FAS) series last year.

Kerman is the author of *Orange is the New Black: My Year in a Women's Prison*, and now she is an activist campaigning for prison reform in America. By bringing her on as a speaker, FAS opened an important forum for discussing the state of prisons in our country. More speeches like this are needed in the future.

These avenues of discussion and practical change are great opportunities for Hopkins students to have an impact on the Baltimore community. We hope that programs like Jail Tutorial and Build. Develop. Empower. will continue to find support at Hopkins from both the administration and students.

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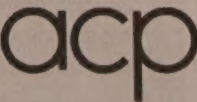
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OPINIONS

With the exception of editorials, the opinions expressed here are those of the contributors. They are not necessarily those of The Johns Hopkins News-Letter.

Modern college students are theologically illiterate

Listen to the victims of sexual assault

By KARL JOHNSON and HAAMMAD SHAH

When Harvard College became the first institution of higher education in North America, it was founded on religious terms. While exploring truth claims about the natural sciences and humanities, students were also trained to study the divine and spirituality, beings and principles not physically measured. Most others in the Ivy League, and many beyond, followed this model.

Over the last few centuries most colleges have adopted a secular posture, including Harvard. The reasons for this shift are too numerous to explore now, but college students are consequentially theologically illiterate. This ignorance is damaging.

Theology is relevant today and for all people.

Theology is relevant anthropologically. First, let us momentarily grant that religious beliefs could be completely false — billions of people all throughout history have been entirely disillusioned by false ideas. If this is the case, these beliefs provide us with incredible insight into the human condition throughout time. Through theology we palpably come to understand the metaphysical aches of humanity and various remedies put forth.

But, importantly, millennia of this treatment does not merely exhibit a binary world in which God exists or does not. Details are important. Human psychology did not just wishfully fabricate a unidimensional father above but rather wrote volumes of text to describe an entity with complex personality; The human heart did not whimsically fall in love with a deistic God who is indifferent to his creation, rather man's imagination developed an entity that operates uniquely within history and actively within the nuances of the human soul. You see, theological details illuminate an important part of our ancestry that is rarely acknowledged — the infinite within us that peers past the physical world into a land of embodied metaphysics, and indeed Truth itself. If it's right, praise God. If it's wrong, it is man's most telling and creative feat.

Theology is relevant politically. Consider diplomatic relations with predominantly Muslim countries. Engaging with a people whose very way of life largely relies on the foundational principles of Islam demands theological competency for effective communication. Conversely, comfortably feeding our biases and assumptions with media sound bites and Islamophobic rhetoric only sets the stage for discord.

Instead of silently propagating in our own communities a fear of Jihad and Sharia that tempts us to justify the vilification of an entire religious tradition, we have the ability to engage. We can make the effort to engage Muslims in serious and honest dialogue before engendering political platforms of bigotry. Ignoring the theological underpinnings that drive cultures around the world is irresponsibly indulging ignorance, often at the expense of peace and tolerance.

Or, let's bring it back home and briefly consider the present cultural rift over homosexuality. Most condemn Christianity for operating anti-progressively when it comes to its rigid understanding of marriage and sexuality. However, this rigidity is not grounded in the subjective hatred of a few in power. The doctrine of marriage, and even celibacy, within the Church is fundamentally a demonstration of humanity's relationship with God, and the gendered elements

of this relationship are so for a reason. To bend these elements out of shape is not to dismantle all of Christian faith, but it is to undermine one of its sacramental cornerstones. To be clear this is not to justify intolerance or vilification of the LGBT+ community in the Church's name, rather it is to acknowledge that the topic at hand is much more complex and personal than either side often makes it out to be.

Due to the grandiosity of the topic, details matter more in theology than any other discipline. Indeed these details are worshiped and served. To be theologically illiterate is not to understand the deep ethical considerations large bodies of people maintain when acting in the social sphere.

Theology is relevant interpersonally. At the center of these political ideologies are the individual people right next to you. It is they who vote, go to war and picket. If they have any religious background, this will invariably affect the core of these decisions and thus the core of their identity. As such, theology is a window into the mind and heart of your neighbor. When you read the biblical story of Job, you are not just reading about an archaic mythologized tale about a man struggling with theodicy, you are encountering a text that millions of Muslims, Christians and Jews alike run to in times of pain and confusion. Theology lays the foundation for personalities of many students on our campus.

We do not ask you to pick up Wayne Grudem's *Systematic Theology* or cozily sit down with *The Creed of Imam al-Tahawi* next Friday evening. You don't even have to attend church or a prayer service. But at the very least ask your religious friends why they do; It's an easy place to start.

Karl Johnson is a junior economics and chemistry major from Detroit. He is the editor-in-chief of The Hopkins Dialectic.

Haammad Shah is a senior public health major from Gaithersburg, Md. He is the president of the Johns Hopkins University Muslim Student Association.

By EMELINE ARMITAGE

Aside from the national electoral candidates, one name seemed to dominate this summer's headlines: Brock Turner, the former Stanford University student convicted of three felony sexual assault charges after he raped a fellow student.

As a feminist and as a human capable of at least a modicum of emotion, I was pleased to see the level of outrage leveled at his paltry three-month jail sentence (cut down from the original six months), as well as conversations about how his race (Turner is white), class and gender afforded him preferential treatment in the criminal justice system. Yet I must admit I became concerned about the general conversation as people's outrage progressed, both about the Brock Turner case and similar cases that have grabbed national headlines. People are neglecting to center victims in their conversations and only take a superficial look into how rape culture is so deeply embedded in both our society and the criminal justice system.

The primary backlash against the Turner case was a petition to recall Judge Aaron Persky who handed down the sentence and has been criticized for handing out lenient sentences in other sex-crime judgements. And while I signed the petition and support Persky's removal from the bench, he is being treated as an anomaly as opposed to what he is: a representative norm of how sexual assault and rape victims are treated in the criminal justice system.

Just take a look at the Department of Justice (DOJ) report about the Baltimore Police Department, which documented a prosecutor calling a rape victim a "conniving little whore" and showed that just 17 percent of 2015 sexual assault cases ended with an arrest. In short, the report shows that the very people who are charged with the protection of victims — lawyers, police, judges — systematically neglect or actively harm victims of sex crimes, especially black female victims.

Reports from other cities and national DOJ reports such as "Identifying and Preventing Gender Bias in Law Enforcement Response to Sexual Assault and

Domestic Violence" confirm that this mistreatment of sex crime victims is the norm. Funneling the focus into the recall of one judge suggests a superficial solution to a deeply embedded problem. Judge Persky is not,

as he is portrayed, a rotten apple, but a logical product of our culture and criminal justice system.

The focus on Judge Persky is a result of our failure to center victims in our general discussions. The woman raped by Turner wrote a victim's statement read aloud in court and then widely shared on social media. I was glad to see people sharing her statement but dismayed to see them not centering her words.

In her statement, the victim did not call out Judge Persky, but specifically criticized the probation board for Turner's lenient sentence (the probation board recommended the sentence to Judge Persky). Yet rather than read and focus on her criticisms of what she experienced with the probation board, mainstream feminist and activist focused on the judge. When a victim of rape specifically calls out what they see as a major problem in their case, why don't we listen?

There is a similar pattern with regard to how people reacted to lenient jail sentences by demanding longer ones across the board without even considering the victim's wishes. I have no problem with people saying "I hope he rots in prison" or similar sentiments as an emotional response; I've certainly had similar emotional reactions. But I do have a problem with people pressing for mandatory minimums — exactly what happened in the Brock Turner case.

While the victim criticized the lenient sentence in her statement, she also stated that she did not want to see him rot away in prison. Mandatory minimum sentencing, like ludicrously lenient sentences, is an affront to



COURTESY OF THE STATE OF CALIFORNIA
Brock Turner became a household name after his trial last spring.

victims as it completely takes away any semblance of control they had over their trials. Many victims want their assailants to serve a long prison sentence, but many don't want their assailants to spend an extended time in prison or any time at all.

A similar case to Turner happened recently in Massachusetts in which David Becker was charged with two counts of rape and sentenced to two years of probation. Outrage ensued, yet it is important to note that one of the victims wrote in her statement that she did not want Becker to serve jail time. There is no doubt in my mind that like Turner, Becker was afforded privileges during his trial because of his race and gender. Yet that does not mean we should be so blinded by our outrage as to discard the wishes of the victim.

People are so eager to express outrage over sex crime cases that they unconsciously ignore or dismiss the victim's wishes. By all means, be outraged and express that anger — but do not do so without remembering, or hopefully, centering, the victim. Be outraged at individual judges, but then also remember how our society treats victims at large. Superficial and individual solutions cannot solve a system that is deeply rotten to the core. Do not think that the removal of a judge or a single harsh sentence will begin to make up for injustice. The only way to ensure justice is not only to listen to victims, but to center them in the conversation.

Emeline Armitage is a junior International Studies major from Cleveland.

The Emmys show that TV is more progressive than film

By GILLIAN LELCHUK

The 68th Annual Primetime Emmy Awards aired on Sunday, Sept. 18, and this award ceremony crossed some big milestones for diversity in Hollywood.

Most notably, Rami Malek of USA's *Mr. Robot* became the first non-white actor in 18 years to win the Outstanding Lead Actor in a Drama Series award. This is a huge departure from the Academy Awards earlier in the year, when the unofficial hashtag #OscarsSoWhite took over the internet.

Additionally, Jeffrey Tambor won the award for the Outstanding Lead Actor in a Comedy Series for his role as a transgender woman in Amazon's *Transparent*. In his accep-

tance speech, he called for more stories about transgender people and for Hollywood to give transgender actors more roles.

"I would not be unhappy were I the last cisgender male to play a transgender woman on television," Tambor said in his speech.

On top of that, four LGBT+ identifying women took home Emmys: Kate McKinnon for her work on *Saturday Night Live*, Jill Soloway for her direction of the show *Transparent*, Sarah Paulson for her performance on *The People v. O.J. Simpson* and Executive Producer of *American Crime Story* Nina Jacobson.

Should I compare these winners to those that took home Oscars in February? Do I need to? We all know what that list looked like.

Why is it that our mainstream films overwhelmingly feature straight, white, cisgender actors? I'm not trying to claim that television has beat racism or sexism or discrimination of all kinds, but there's definitely a huge disparity in the lev-

els of diversity and representation in television and film.

This isn't new, though. Television has always been more progressive — *Will and Grace* and *Ellen* changed the game for the LGBT+ community both on-screen and off. There's still a long way to go as far as representation goes, but television networks are actively working to make changes to their programming. On the other hand, it feels like every movie released is about a white man doing something, again, but this time with a vengeance!

TV has always been a safer place for creators to take risks in their storytelling because the audience for any given episode of a show is much smaller than the expected audience of a feature film.

As more and more writers realize the benefits of television and head from the big to the small screen, viewers get more and more variety in what they can choose from to watch. So producers and networks have to compete for our views, and lately they've been headed towards putting out more content that might appeal to niche audiences instead of a few shows that will appeal to the masses. That's how we ended up with shows like *Mr. Robot*, about a hacker; *Transparent*, about a transgender woman and her family; and *Orphan Black*, about

clones. And that's how these "niche" shows ended up receiving national recognition at the Emmy Awards this week.

I think the advent and quick acceptance of streaming services for our television viewing pleasures have ushered in a new golden age of television. On Netflix alone, you can feed your hunger for strong superhero women (*Jessica Jones*), new adult stories, racially diverse stories (*Master of None*) and quick-witted comedies about depression and cartoon horsemen (*Bojack Horseman*). These shows aren't going to appeal to everyone, but you're bound to find something that you'll like, and that's what Netflix is trying to do.

If traditional television networks take a note from the streaming services' books and start bringing us diverse stories with diverse casts, maybe they'd stop ceding all their Emmy nominations to cable and streamed shows.

The American public is unique and diverse, and we deserve to watch television shows and movies that reflect all of these identities. Come on Hollywood, do more.

Gillian Lelchuk is a junior Writing Seminars and mathematics double major from Los Alamitos, Calif. She is the Opinions Editor.

Errata: Sept. 15 Edition

In the Sept. 15, 2016 edition of *The News-Letter*, the article "The internet should unite us as Americans" reported that 51 people died in the Orlando attacks. 50 died, including the shooter; 49 were killed. One person died later of unrelated causes.

The News-Letter regrets this error.

Siebel Scholars Class of 2017

The Siebel Scholars program was founded in 2000 to recognize the most talented graduate students in business, computer science, bioengineering, and energy science. Each year, over 90 outstanding graduate students are selected as Siebel Scholars based on academic excellence and leadership and join an active, lifelong community among an ever-growing group of leaders. We are pleased to recognize this year's Siebel Scholars.

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THE B SECTION

N-L

YOUR WEEKEND • ARTS & ENTERTAINMENT • CARTOONS, ETC. • SCIENCE & TECHNOLOGY • SPORTS

SEPTEMBER 22, 2016



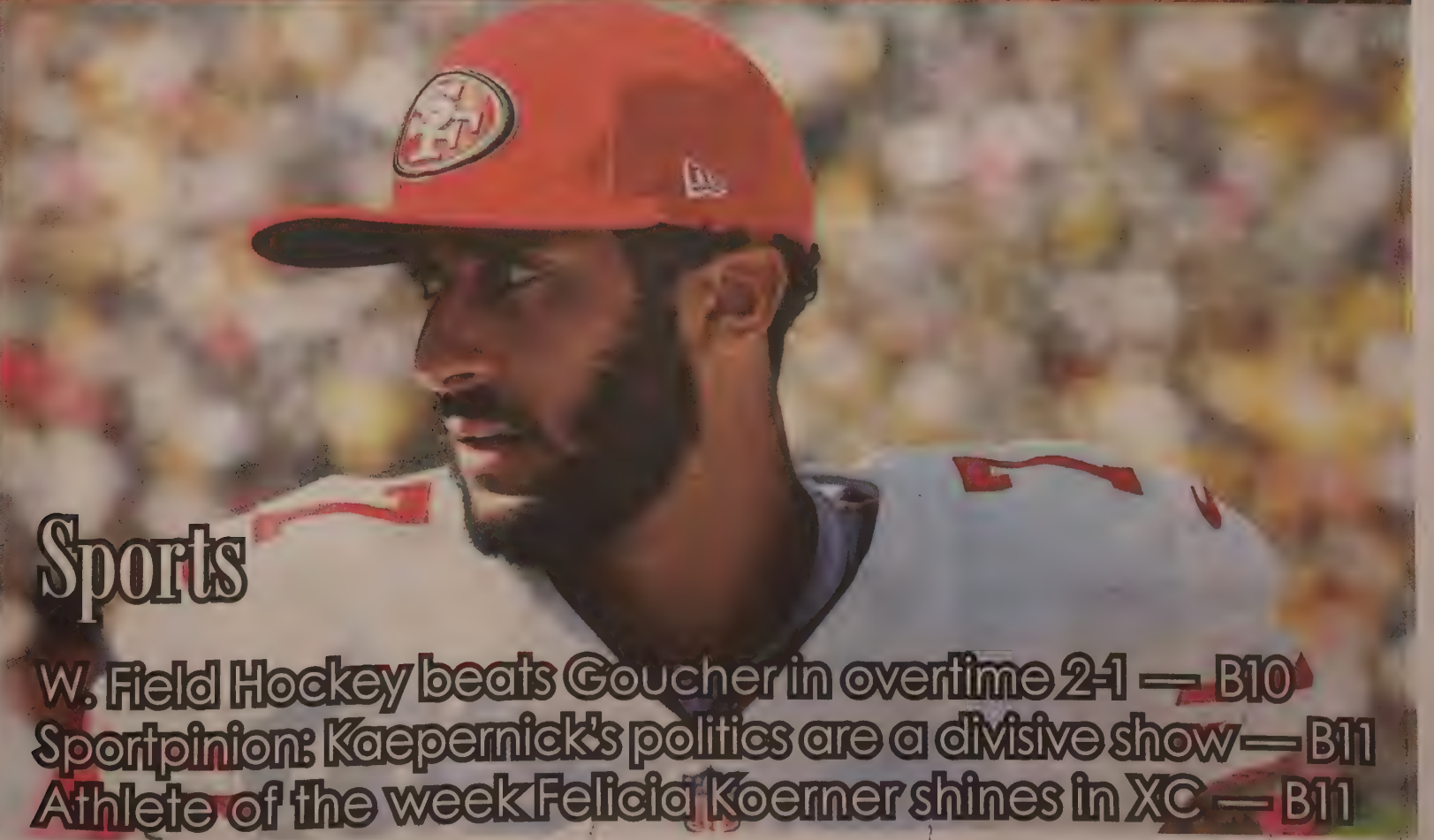
Arts & Entertainment

Great War reveals the University's history during WWI — B3
Childish Gambino's Atlanta is a smart, self-aware show — B3
Snowden film defends, humanizes NSA whistleblower — B5



Science & Technology

Study proves that giraffes are four separate species — B7
Can web therapy help counteract depression? — B7
Scientists' focus on elite publications steers research — B8



Sports

W. Field Hockey beats Goucher in overtime 2-1 — B10
Sportpinion: Kaepernick's politics are a divisive show — B11
Athlete of the week Felicia Koerner shines in XC — B11

YOUR WEEKEND SEPTEMBER 22-25

Events in Baltimore this weekend The fellowship of Belvedere Square Market

Thursday

Near Northeast, Wes Swing, Nonstop Begonias, Four Hour Day Lutherie, 7 p.m.

Go see Baltimore band The Nonstop Begonias, Wes Swing of Charlottesville, Va. and Near Northeast of Washington D.C. at the Four Hour Day Lutherie, located near Lake Montebello. \$8 suggested donation.

Friday

Classical Revolution Baltimore: Season Opener, Liam Flynn's Ale House, 9 p.m.

Come enjoy or participate in a Chamber Music jam at Liam Flynn's Ale House to celebrate the opening of the Classical Revolution Baltimore's season of public arts and music events! Free.

Baltimore Book Festival, Baltimore Inner Harbor, 11 a.m. - 7 p.m.

Every day this weekend starting Friday at 11 a.m., the Baltimore Book Festival will be bringing joy to the Inner Harbor. There will be various readings, free food, beverages and activities ranging from sword fighting demonstrations to drum circles. Free.

Saturday

End-of-Summer Flea Market, The Windup Space, 12 p.m. - 5 p.m.

Deals and drinks will be flowing at the Windup Space this Saturday afternoon. Come find vintage clothing, vinyl and everything else hipster and for prices that won't make you cry or peddle any wares you may have. Free to buy, \$10-20 to register as a seller.

Pics in the Park, Center Plaza, 8 p.m.

Star Wars Episode VII will be playing at Center Plaza on Fayette Street this Saturday! There is enough space to seat hundreds, and the movie will start as soon as the sun goes down. Free.

Sunday

Indigo Dye Party with FORCE, Motor House, 12 p.m. - 2 p.m.

Come dye any fabric you choose to bring using provided indigo and shibori tools with the help of members of Wax & Wane Fiber studio. This event is in partnership with FORCE, a creative activist coalition fighting rape culture. They will receive a portion of the ticket sales. \$7.

By SIMON BOHN
For The News-Letter

Hobbits eat six meals a day: Breakfast, second breakfast, elevenses, luncheon, afternoon tea and supper. You could make a hobbit very happy at any time of day by taking them three miles due north of Homewood to Belvedere Square Market, a closed market best described as a gourmet food court.

Belvedere Square is great for weekends when you want to go somewhere fun with friends but no one can agree if it's time for breakfast, lunch, brunch or perhaps elevenses. It is the kind of place you can go after eating a huge meal, look around and suddenly get hungry again. Belvedere has seven upscale-but-affordable dining options, ranging from the Neopol Savory Smokery to Ejji Ramen.

The array of restaurants surrounds a supply of shared table stock. If you go with a group, everyone can choose what appeals to them at the moment. The star and anchor of Belvedere Square is Atwater's.

Occupying three market stalls, Atwater's plays the role of bakery, coffee shop and American-fare restaurant in three dedicated operations. Since I was in the mood for elevenses (the hobbit meal between second-breakfast and luncheon) I decided



PAULA WILLEY CC-BY-ND

Belvedere Square Market on a crowded summer evening during one of many outdoor concerts.

to check out the coffee shop portion of Atwater's.

Atwater's has an excellent selection of coffees supplied and roasted by Durham, N.C. based Counter Culture Coffee. While it's disappointing that they don't use coffee from one of the local roasters, Counter Culture supplies excellent organic direct-trade coffee and is used by upscale coffee shops nationwide.

I ordered a pour over of a single origin Colombian coffee called La Golondrina and a croissant. The pour over, notoriously laborious for baristas, was done expertly. The inclusion of pour overs in At-

water's menu allows them to offer enough options in filter coffee to please even the most adventurous coffee snob. Served in a lovely mug made by a Baltimore potter, the coffee was very good with a flavor profile closer to something from Central America with hints of fruity acidity and a light body, rather than the typical caramel Colombian 'Maxwell House' taste. The croissant was appropriately buttery and flakey and served as an excellent companion to the coffee.

The beauty of Belvedere Square Market is that I got to enjoy my elevenses coffee and croissant next to my friend who was

slurping gourmet ramen for lunch. The Market is perfect for groups of friends with diverse (or divisive) tastes. With one of the best cups of coffee I've had in Baltimore, Atwater's should certainly be on your elevenses radar.

You can also find Atwater's breads closer to Homewood at Eddie's Market and on Saturday mornings at the Waverly Farmer's Market on E. 32nd Street and Barclay Street. The best way to get to Belvedere Square Market is by finding a friend with a car or using Uber. You can also take the 11 a.m. MTA bus or take a half hour bike ride.

Creative Alliance features Rats, Leyla McCalla

By VERONICA REARDON
Your Weekend Editor

It is a Sunday night and I should be at home doing homework. Instead, I am sitting in the back of my friend's car, listening to her talk with her neighbor, wondering if the concert we are on the way to will be worth the loss of sleep I see coming my way like a freight train.

Creative Alliance, which is the concert venue, is an odd mix of sterile and vibrant. It is full of art, and I know that it often acts as a community space, hosting talks and craft workshops and everything else under the sun, but the walls are painted white and the floor is smooth concrete, giving it the feel of a museum.

Unexpectedly, the foyer is almost empty except for a couple small groups of people. My friend knows one of them, so we walk up and start chatting. Little did I know that one of them was one of the performers, Free Feral, who plays viola and sings in the Leyla McCalla trio. After a little bit of chatting, someone brings up that the reason why the foyer is so empty is that everyone else has already found their seats, so we hurry to do the same.

The theater space of Creative Alliance is extremely nice. The seating is very ordered, although it is all general admission, and there is little standing or dancing space. A determined dancer could waltz down the aisle or flat-foot by the bar, but most people remain in their

seats.

The lights go down shortly, and Paul Rucker walks on stage. He has a great presence: He is humorous and serious at once, talking about dark times in our history which are not over yet, namely lynching and racism but also joking constantly about everything from writing a book on alcoholism when you've never touched the stuff to rats running around the theater. There aren't any actual rats in the theater, by the way. His music starts out predictable and melodic but quickly becomes experimental and wild. He plays one Bach piece like this and it is wonderful.

"This next tune is about a fox chasing a rabbit," he says. "Close your eyes, and you'll be able to see them. Or keep them open, and you won't see them. You'll just see me playing the cello. Maybe a rat. I don't know."

He moves on to play cello while quizzing us on historical trivia, "In what year was the Emancipation Proclamation made?" and plays a couple of songs for us on his guitar. His songs are about divorce and love. He is an enjoyable musician, and his visual art, which includes pieces on gun violence, Klan robes he made, as well as many other pieces, is certainly worth seeing if you get the chance.

There is a brief intermission, during which we all go out to explore the lobby. Creative Alliance's current exhibition is of literal race cards, which are recorded greeting cards of peo-



MCWICKLE/CC-BY-2.0

Leyla McCalla during her time with the Carolina Chocolate Drops.

ple talking about their experiences regarding their race. On the inside, there is a picture of the person who made the recording and a piece of art they made to accompany their words. It is uncomfortable in the gallery with everyone else around you, but it is touching to hear people's voices and to listen to their words.

Once we are all seated again, the Leyla McCalla trio comes on. McCalla's stage presence is lovely and quite different from Paul Rucker's. Her voice is incredible. The trio is comprised of Leyla on the cello, banjo and vocals; Free Feral on viola and vocals; and Daniel Tremblay on banjo, guitar and vocals.

Much of Leyla's inspiration comes from her Haitian heritage, so many of the songs she plays are rooted in that. Many are in Creole or French. Themes of the songs include women coming to bad ends as well as Haitian songs about crops thriving or

dying, about police brutality and about life.

Part of the trio's greatness comes from their creative use of instruments. Leyla plucks her cello almost like an upright guitar or bass much of the time.

Leyla's explanations of the Creole and French songs are also perfect, or close to it. They let the audience in on the song even when no one understands the language, but do not go into excessive detail. When the trio finally leaves the stage, though I am tired and stressed about the homework I still need to do, I am sorry to see them go.

The Creative Alliance has seen many great musicians from near and far and will likely see more. It is a little difficult to get there, as it is out by Patterson Park, but is definitely worth it. An Uber would work well, especially if split between people, as would a bike ride. The 22 MTA bus also stops very close by.

ARTS & ENTERTAINMENT

Atlanta flourishes in its cinematography

By **ALLISON JIANG**
For *The News-Letter*

Donald Glover, better known as rapper Childish Gambino, has a line in his song “Bonfire”: “Why does every black actor gotta rap some? / I don’t know, all I know is I’m the best one.” His new comedy, *Atlanta* on FX, which premiered on Sept. 6, just might be actual proof of this claim. The show’s amazing writing and production combined with its unique vision puts Glover back on the map as one of today’s most valuable creative minds. *Atlanta* could change the face of television.

The first thing I noticed about *Atlanta* was just how pretty it was. The shots are clean, minimalist and dream-like. They gave me a strange nostalgic feeling that I couldn’t quite put my finger on. Then I remembered the unique, hazy cinematography that made the music videos for his songs, “Sweatpants”

and “Sober.” Both music videos have the same absurd, cinematically mundane tone that characterizes *Atlanta*. This style is thanks to Japanese filmmaker Hiro Murai, who has frequently collaborated with Glover on his music videos, various short films and now with his TV directorial debut in *Atlanta*. Murai and Glover’s artistic chemistry is tangible in the show, which conveys a sense of effortless familiarity between the characters and the viewers.

Atlanta’s vision is revolutionary in that it seeks to show audiences what it means to be black while putting comedy in the forefront. It is easy to assume the show is just another participant in the recent trend of making socially conscious content for the sake of it.

However, in an interview with *Vulture*, Glover says, “The No. 1 thing we kept coming back to is that it needs to be funny first and

SEE ATLANTA, PAGE B5

De La Soul’s new release is a mixed bag

By **NIKITA SHTARKMAN**
For *The News-Letter*

After a nearly silent eleven years, broken only by several strong feature appearances and a couple of recent mixtapes, the legendary hip-hop group De La Soul released their Kickstarter-funded album *and the Anonymous Nobody* on Aug. 26. Liberated from the oppressive forces of a record label, the quirky, creative collective planned to create an experimental comeback album.

Almost 30 years ago, De La Soul put out their first studio album, *3 Feet High and Rising*, which climbed to the number one spot on the American R&B charts. From that point on, they continued to churn out dozens of singles, many of them rising up through the charts of several genres and several countries.

Prior to their most recent album, De La Soul amassed an impressive discography, including seven studio albums, a live album and a handful of compilations,



RODRIGO FERRARI/CC-BY-NC-2.0

Classic California rapper Snoop Dogg features on *and the Anonymous Nobody*’s third track, “Pain.”

mixtapes and EPs. Their work has consistently received praise from music critics, though the popularity of their older music nearly eclipses that of more recent projects.

In the Kickstarter description for their latest release, De La Soul wrote, “True to our Hip-Hop roots, we make music without limits.” Unfortunately, this boundless freedom didn’t lead De La to any great creative heights. They instead

ended up with a mixed bag, crafting several beautiful songs with fun lyricism; some boring, one-note tracks; and a few left-field ventures that ultimately fail to impress.

The LP starts powerfully with “Genesis,” a spoken word piece performed by Jill Scott across a smooth string backing. This introduces “Royalty Capes,” a hard-hitting track driven by a low, bounding bass and flittering saxophone trills. Dave and Posdnuos roll onto the beat like kings, with their booming flow emphasizing the smack of the kick drum. The soundscape is pierced by a distinctive horn riff — a clean, regal phrase evoking long red capes, white frills and crowns. This is the best track on the album.

The rapping continues to impress throughout the LP. Dave, Maseo and Posdnuos play off of each other’s energy, turning each song into a cypher. Out of thin air, they drop gems that are at once unique, funny and layered. Dave’s line on “Royalty Capes,” “Androids read raps off iPhones / I choke the blood out of felt tips,” serves as a perfect example.

The featured rappers shine as well. The always-consistent Roc Marciano weaves some phenomenal bars, spitting “Rappers aren’t trying to see me like a diamond tester,” with his distinctive snarl on “Property of a Spitkicker.com.” Snoop does what Snoop does best, bouncing over the “Pain” beat as if he were born to rhyme over that track. Next up, 2 Chainz has yet another strong feature, layering the tinkling “Whoodeeni” beat with a surprisingly dark verse which becomes lighthearted: “When I’m in the booth, I’m MJ with his tongue out; / When I’m in the booth, I’m Kanye with a gun out.”

Unfortunately, the quality of the beats takes a serious dive after the first few songs. Tired of dealing with the exhausting campaign of clearing samples with labels, De La Soul hired studio musicians across LA to jam for over two hundred hours and used the resulting records as their sample library. While the venture into live instrumentation is an interesting step, it ultimately hinders the album.

The beauty of the sound of samples in hip hop comes from more than just the chords or the rhythm. There is a

distinctive character to each soundbite. One can listen to any earlier De La Soul song, such as “Rock Co Kane Flow” from their previous album, *Grind Date*, and see how much more engaging, gritty and soulful Jake One’s choral masterpiece is when compared to the clean, flat beats on *and the Anonymous Nobody*. With this studio driven production, there is a manufactured atmosphere to the music. It truly sounds like a meandering jam session — no real energy or drive.

This album’s greatest flaw may be what many thought would be its greatest strength: its impressive feature list. De La Soul suffer a fate that Chance the Rapper ran into with *Coloring Book*. Both give up their personal style to fit the artists they work with. On songs like “Drawn” with Little Dragon, “Here in After” with Damon Albarn and even “Property of Spitkicker.com” with Roc Marciano, De La Soul tailor everything from their delivery to the beat to match the artist they’re featuring.

Emblematic of this is the worst song on the album, “Lord Intended” featuring Justin Hawkins. This is yet another failed experiment in a long tradition of hip-hop artists trying to fuse their work with rock, placing it on a list which already includes Jay Z’s infamous 2004 Linkin Park collaboration; Action Bronson’s newest album, *Mr. Wonderful*; and a whole bunch of Lil Wayne songs.

“Lord Intended” plays out like a poor parody of both genres, the wailing electric guitars and the kicking 808 clashing under a weak, generic chorus.

While this review could be perceived as highly critical, it is important to note that this isn’t a bad album. De La Soul shine on many points throughout the project, and while the missteps are disappointing, they make up a minority of the project. When De La Soul gather the proper energy and ride a beautiful, knocking beat, they continue to make great music.

The shining moments on this LP only spur excitement for what De La Soul is going to do next. “We embrace you like brothers, bestow you / with an outro that’s also an intro.” This refrain on “Exodus,” the last song, hints to more upcoming De La Soul work — a welcome prospect.

Hopkins and the Great War examines the past



COURTESY OF NANCY MCCALL

Hopkins and the Great War also featured a speaker, Alice Kelly (left).

By **ANNE HOLLMULLER**
Staff Writer

Imagine Homewood Campus one hundred years ago, as Europe was torn asunder by the First World War and American students and medical staff sailed to Europe to treat the wounded.

Hopkins and the Great War examines how World War I affected Hopkins students, staff and medical professionals. This exhibition includes two visual displays at Homewood, installations at the School of Nursing and the School of Medicine and an extensive online digital archive. This exhibition includes personal items, photographs, propaganda posters, official documents and medical tools from Hopkins affiliates who experienced the Great War.

On the Homewood Campus, *Hopkins and the Great War* includes two visual displays in the Milton S. Eisenhower Library on the M- and Q-levels. On Q-Level, “Representations” highlights items of war propaganda, such as posters that encouraged American nursing students to serve abroad. “Experi-

ences,” on display on M-Level, includes documents relating to the experience of Hopkins students and alumni during the War, including letters and postcards from the front, notes from a Hopkins chemist recruited by the U.S. government and pages from *The News-Letter* and the *Hullabaloo* yearbook that reflect how students were increasingly affected by the War, even if they did not go to Europe.

The “Aftermath” section, also on M-Level features items related to the conclusion of the War and the making of a fragile, fractious peace.

Isaiah Bowman, an ardent racist, noted geographer and virulent anti-semitic who served as president of the University from 1935 to 1948, was involved in the making of the Treaty of Versailles. As the Chief Territorial Specialist of the American delegation at the Paris Peace Conference, Bowman played an important role in determining new national boundaries.

Bowman’s redrawing of the political map continues to reverberate in the form of modern-day conflicts in Ukraine and on the Balkan Peninsula. On display in this exhibition are Bowman’s Paris diary, several hand-drawn maps with proposed boundaries and a collection of souvenirs from the Paris Peace Conferences.



COURTESY OF THE ALAN M. CHESNEY MEDICAL ARCHIVES
The next portion of the *Great War* is a luncheon held this Friday.

lar commemoration.

Hopkins and the Great War opened with a talk by Alice Kelly, women in the humanities postdoctoral research fellow at the University of Oxford, about Ellen La Motte, a Hopkins nursing graduate who penned a graphic and frank memoir entitled *The Backwash of War*. The talk was sponsored by the Hopkins Retrospective, the Department of History of Science and Technology, the Department of English and the Writing Seminars, and was introduced by Jenny Kinniff of the Hopkins Retrospective. The talk allowed for new insights into the First World War from the perspective of queer and female history.

At the Johns Hopkins Medical Archives are sixteen letters between La Motte and her closest friend, Amy Wesselhoeft von Erdberg of Berlin, and these documents reveal a great deal about La Motte and her friendships and connections.

The letters describe La Motte’s life before the War with her avant-garde friends in Paris including Gertrude Stein and Henri Matisse on visits to England to meet with the suffragettes fighting valiantly for the right to vote, and

SEE WAR, PAGE B5

ARTS & ENTERTAINMENT

Artists the HOP probably rejected before booking Makonnen

By Mia Capobianco

1. Owl City

Renowned for that one song about fireflies, aptly titled "Fireflies," that sounds like a mid-2000s Microsoft PC start-up theme adopted as an iPhone alarm.

2. All Time Low

Local legends — both in Maryland and in that suppressed part of your soul that made Warped Tour a formative part of your pubescent years.

3. LMFAO

So all the sorority sisters can make use of the patterned leggings and shutter shades they got during secret week.

4. Snow Patrol

Also known as the score to *Grey's Anatomy*.

5. A continuous loop of the *Shrek* sound track

Oldboy leaves viewers contemplating mortality



Will Kirsch
The Cut-Rate Critic

Welcome, dear reader, to what will

hopefully pass as a movie review column, brought to you by myself and the Arts & Entertainment Editors at *The News-Letter*. Seeing as how this reporter, like you, is a college student with a decidedly wanting amount of extra income, which is spent mostly on intoxicants, it seems appropriate to approach this whole review thing more pragmatically.

The premise is simple: Movies are expensive, Netflix is cheap. So this column will be serving up criticism of all the things you should be watching on Netflix and, on occasion, this reporter might scrape together some money and muster up the courage to go to a theater. Hopefully, the tone of this lands somewhere between Hunter S. Thompson and A. O. Scott, but readable works just as well.

Have you ever seen a movie with a platform shot of a man fighting off a crowd of gangsters with a hammer? No? Imagine



SIR MILDRED PIERCE/CC-BY-2.0

Stenciled street art depicting Oh Dae-su, the protagonist of *Oldboy*, holding a gun to his head.

Super Smash Bros. if it had been a brutal noir thriller. That seems to be a good way to describe the famous fight scene from Korean director Park Chan-wook's

lauded 2003 film, *Oldboy*. A tempting introduction, no?

Chan-wook's work has formed an established pedigree within Korean cinema, and he recently made crossovers into American cinema with his 2013

feature, *Stoker*, (starring Mia Wasikowska in the lead role opposite Matthew Goode and Nicole Kidman). Shortly afterwards, Chan-wook featured as a producer on the critically-acclaimed *Snowpiercer* (starring Chris Evans opposite John Hurt). Prior to his forays into American cinema however, Chan-wook helmed Korean-vampire horror

film *Thirst* which featured grotesque, bloody imagery over stainless white backdrops. The film also reunited Chan-wook with collaborator Song Kang-ho.

Oldboy follows a man named Oh Dae-su (Choi Min-sik), who is abducted and subsequently trapped in a hotel room reminiscent of a Motel 6. While languishing, Oh sees a report on TV that his wife has been murdered and he is suspected, leaving him little hope for a better life outside his prison. Oh passes the time by teaching himself to fight, attempting vainly to escape and generally just getting really angry at whatever anonymous force imprisoned him.

15 years later, Oh finds himself freed although he is not sure why or how. His wife is dead and his daughter has been adopted. Basically, Oh is not terribly excited about his current situation and, logically, decides that he needs to begin a course of bloody vengeance. Also he gets a girlfriend (Kang Hye-jeong), with whom he falls progressively more in love.

To tell you anything else about this movie would ruin several truly shocking and occasionally nauseating twists. Suffice to say it's a movie about revenge. In fact, *Oldboy* is part of Chan-wook's "Vengeance Trilogy."

In that vein, Dae-su is the archetype of a vengeful spirit. He is short with his words, full of righteous fury and capable of committing great acts of brutality against those who have wronged him. Oh is the true focus of the film. His romantic counterpart Mi-do is more of a plot point

than an exciting character. Which is not to say her part is poorly acted. Rather, it merely is not forceful or omnipresent by design.

Oldboy's villain is far more compelling, albeit in the same way that serial killers and the criminally insane are compelling. Lee Woo-jin (Yu Ji-tae) is pretty scary. That fear comes from Lee's ability to elicit sympathy while also orchestrating an elaborate game of physical and psychological torture at Oh's expense. Indeed, at the end of the film you may be left to wonder whether he really is a villain; or if perhaps the revenge he himself sought was justified.

What really makes this movie significant are some of the themes it touches on. As mentioned, it's hard to go into depth about some of these because it would ruin the movie, but anyone who watches this film and does not walk away questioning the nature or morality may need some help that no movie can offer.

One theme that can be discussed is vengeance, the driving force behind the plot. Oh murders his way through the film guided only by a blind need for retribution as his tormenter seeks his own in a much more nefarious way.

By focusing on vengeance, Park Chan-wook creates a twisted and shocking cautionary tale that incorporates violence, love, obsession and social taboos, the last of which will need to remain vague. Just watch the movie and make sure it's the Korean version, not the lame American one with Josh Brolin.

Overall rating: 9/10

The Lumineers refine pop-rock at Merriweather

By KATHERINE LOGAN
For *The News-Letter*

The Lumineers seemed to be genuinely shocked as they took in the sight of the 17,000 people crowded into the seats and lawn of the Merriweather Post Pavilion, reminiscing mid-set over the fact that just two years ago, while promoting their first album, they played at Baltimore's very own Ottobar. Of course, that was prior to the massive success of their singles "Ho Hey" and "Stubborn Love" as well as their two Grammy nominations.

The alt-country singer Rayland Baxter, who has previously toured with The Civil Wars and Grace Potter and the Nocturnals kicked off the evening. In a sense, playing in Maryland was a homecoming for him, because he attended and played lacrosse at Loyola University Maryland through his sophomore year. Then, he got injured and ultimately decided to drop out of school.

As he told the audience in jest, he'll go back

and finish "whenever playing music gets boring." While he is definitely a talented musician, the mellow nature of his music as well as the fact that few knew the lyrics to any of his songs made it rather difficult for him to hype up the crowd.

Next up was the pop-influenced, singer-songwriter BØRNS. If the name sounds familiar, it's probably because you've heard their catchiest song "Electric Love" featured in Hulu's TV spots. Lead-singer Garrett Børns' vocal talent possesses the kind of uniqueness that may one day make BØRNS one of those immediately identifiable bands.

Their set, which included an epic cover of Elton John's "Bennie and the Jets," proved dynamic enough to engage the crowd, even inspiring me to look up more of their music after the show. Songs of choice include the danceable "American Money" and "Holy Ghost."

By the time The Lumineers arrived on stage, the crowd's anticipation level was sky-high. Guitarist and lead vocalist Wesley Schultz's voice

soared through their opening song, "Sleep on the Floor" before they transitioned into the first single of their new album "Ophelia" and the classics "Flowers in Your Hair" and "Ho Hey." Before beginning "Ho Hey," Schultz told the audience to feel free to film that song but requested that they subsequently turn off their phones and remain present in the show.

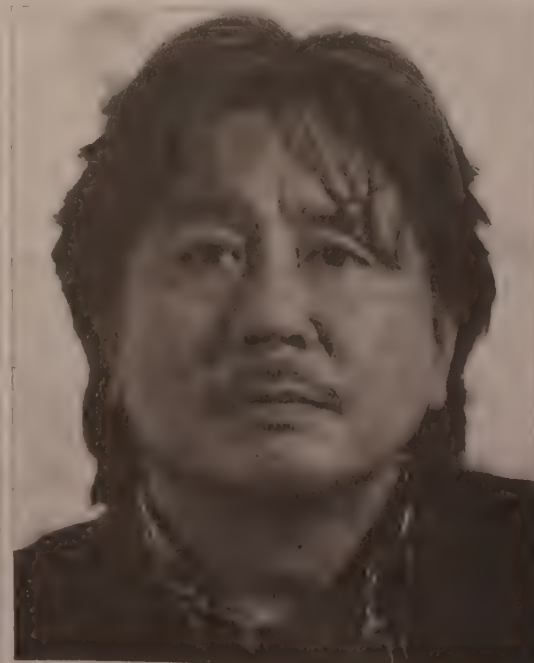
Although this may have frustrated some members of the audiences, I couldn't agree more. There's something cathartic in the moments when you're one of a few thousand people, all united in singing the words to your favorite song with the worries of your day far from mind. Those moments simply aren't the same when you're trying to make sure your camera's zoom is right, focusing on keeping your hands steady and so on.

For the softer, bluesy "Where the Skies Are Blue" and "Classy Girls," they transitioned to a more intimate stage on the lawn, allowing those of us in the cheap seats to feel equally connected.

The Lumineers' constant, energizing intensity quickly put the question of whether or not they could hold such a large audience's attention despite the often melancholy tone of their songs to rest.

Great performers in both the technical and more abstract sense, the band kept the audience captivated, only breaking their own musical spell to fill us in on the back stories behind songs such as "Charlie Boy" and "Gun Song," both of which have strong ties to Schultz's family. At last, much to the audience's woe, the evening came to its conclusion with a stirring rendition of "Stubborn Love."

As The Lumineers dared to leave it all out on the stage, the rest of us belted out the chorus. As we exited the venue, my companion and I couldn't get over how amazing The Lumineers' sound transitioned to a live performance. The show at the Merriweather Post Pavilion truly surpassed our expectations. Even though it had just ended, we already felt nostalgic for the memory of that night.



CHE/CC-BY-SA-3.0

Korean actor Choi Min-sik plays Oh Dae-su in mystery thriller *Oldboy*.

ARTS & ENTERTAINMENT

Atlanta impresses with dialogue, aesthetics



BILL INGALLS/CC-BY-NC-ND-2.0
Donald Glover stars in his newest show, *Atlanta*, as Earnest Marks.

ATLANTA, FROM B3

foremost... I never wanted this show to be about diversity; All that sh*t is wack to me."

This nonchalant yet conscious attitude toward race on television is refreshing, especially in today's hyper-aware political atmosphere.

Right now, social media and an increase in advocacy are desensitizing much of the general public to topics like race in the media. While shows like Aziz Ansari's *Master of None* and ABC's *Fresh off the Boat* are doing a lot to show viewers how minorities actually live, their appeal is not universal. Shows that put these topics first can be a turn-off to the millions of people scrolling through their televisions looking to be entertained, no strings attached.

Atlanta, to put it simply, is way more chill. There are no gimmicky ads or cringe-worthy jokes to be found. Instead, the show has created a brand all of its own. The entire first episode was available for free on Facebook, and the FX website offers an hour-long window of free view-

ing (perfect to fit in two 25-minute episodes). The official FX description for episode three, "Go For Broke" reads, "Umm mhm̃m̃ these Atlanta dudes trifling. But Ok, Paper Boi might really be about that life tho." The official Facebook page advertises by posting short clips from the show accompanied by captions like, "When you're broke on pay day." On top of its being genuinely enjoyable to watch, the show's entire aesthetic is smart, smooth and self-aware.

The show's laid-back yet profound tone is encapsulated in an especially funny scene in the pilot. Earn (played by Glover) encounters a white acquaintance who unabashedly tells a story using the n-word. Earn says nothing, a clear look of disdain and exasperation on his face.

Later on, Earn is sitting in a car with his cousin Paper Boi and friend Darius when he sees the same friend again. Earn eagerly asks him to tell the same story, knowing how the story will change direction. Predictably, in front of a group of more than one black person, he

leaves the n-word out and looks foolish. Scenes like this show the mundanities and microaggressions that make up modern racism, all the while displaying quality FX humor.

The show is not just about the little things though: *Atlanta* also manages to address both police brutality and homophobia/transphobia in one episode. Scenes like these, in which Earn witnesses the beating of a mentally ill black man and the harassment of a transwoman in the same police station, feel heavy but not heavy-handed. As the camera cuts away on Earn's scared but resigned face, we understand what *Atlanta* is trying to tell us, that what we are seeing is not staged television, but an actual snapshot of life in this very extant city.

The manner in which the show uses the city as a backdrop can be seen in the contrasts between areas within the city. The characters within the show, named or unnamed are also vibrant and give life to the city.

One scene of interest comes in the pilot, when Earn, on the bus with his child is confronted by a man in a suit. After the

suited man gives Earn philosophical advice, the man demands for Earn to take a bite of a sandwich, and when he declines, the suited man becomes confrontational. Earn looks away for a moment and when his gaze returns to the man, he's missing. Moments like this add character as well as a sort of *Twin Peaks* vibe to the show.

From the all-black writing staff (most of which, like Glover, hail from Atlanta) to the razor-sharp dialogue to the excellent cast, *Atlanta* is something to behold. Donald Glover once again lets us look into the inner workings of his brain, and it's truly magnificent. Is there anything he can't do?

FX announced on Tuesday that *Atlanta* has been renewed for a second 10-episode season.

Donald Glover is also prepping the release for his newest, currently untitled album. In the past month he held a private listening event for fans who bought tickets through his smartphone app, PHAROS Earth. The listening event took place in Joshua Tree, Calif., earlier this month.

The Great War exhibit reveals Hopkins history

WAR, FROM B3

managing the end of a break-up with a woman from New York. When the First World War began, La Motte volunteered her services at a number of hospitals in France and Belgium. La Motte was among hundreds from the Hopkins community who joined the effort to provide medical care to soldiers during the war to end all wars.

Kelly began her talk by reading out a scene from this memoir in which a deserter with a self-inflicted gunshot wound is transported back to a field hospital in Belgium so that he can be healed of his wounds and summarily executed. Such bloody and visceral moments characterized the memoir of La Motte, whose book was published in 1916 and soon after suppressed by the British and American governments. Kelly argued that La Motte's memoir is unique because it was written and published during the war, whereas most of the famous memoirs of the war, including

perhaps the most famous female memoir of the war, Vera Brittain's *Testament of Youth*, were written and published in its aftermath. Kelly and a colleague are currently compiling a new edition of *The Backwash of War*, which will include new scholarly notes on the historical and literary context of the work.

Hopkins and the Great War is an especially innovative production for the Hopkins Retrospective because it features installations on the different campuses of the university and pulls from different collections of the University archives. Besides the exhibits on the M- and Q-Levels of the Milton S. Eisenhower Library on the Homewood campus, there are displays at the Anne M. Pinkard Building of the School of Nursing and at the William H. Welch Medical Library at the School of Medicine. The exhibition offer Hopkins students and staff new knowledge about this conflict and the ways in which the members of our university adapted to transformative and tragic times.

Snowden provides alternative to media narrative

By JACOB TOOK
For The News-Letter

Released last Friday, *Snowden*, Oliver Stone's thrilling biopic of the controversial man who leaked thousands of classified government documents to global journalists, is a well-made film with a globally poignant message that is well worth the price of admission.

Prior to *Snowden*, director Oliver Stone became known for writing Brian de Palma's cult crime drama *Scarface* in 1983. This also marked the beginning of his illustrious working relationship with actor Al Pacino. Following his stint as a writer, Stone became more well-known for his hard-hitting trilogy of films covering the Vietnam War.

This trilogy includes Best Picture winner *Platoon* (1986), as well as Tom Cruise-led *Born on the Fourth of July* (1989). He also helped launch the career of Charlie Sheen even further with 1987's *Wall Street* (known for the iconic Michael Douglas line, "Greed is good."). More recently Stone directed the poorly received George W. Bush biopic, *W*, as well as a sequel to the aforementioned Sheen vehicle, *Wall Street 2: Money Never Sleeps* (starring Shia LaBeouf as an upstart trader).

In a successful effort to humanize the titular Edward Snowden (Joseph Gordon-Levitt), who has been called both a traitor and a hero, the events of the film are framed as Snowden's memories, which he relates to journalists Laura Poitras (Melissa Leo), Glenn Greenwald (Zachary Quinto) and Ewen MacAskill (Tom Wilkinson) from a hotel in Hong Kong. His early experiences in the army and subsequent years rising through the ranks of the government demonstrate his patriotism, in turn making his internal conflict more palpable as he becomes disenchanted with the CIA and NSA's unethical practices. Along-

side his turbulent career, he struggles to maintain his relationship with his longtime girlfriend Lindsay (Shailene Woodley), an enigmatic photographer with whom he clashes because of their lifestyle differences.

Writers Stone and Kieran Fitzgerald create a well-paced, engaging story that balances aspects of Snowden's personal and professional lives well over the nine-year scope of the film. Amidst the slower sequences bogged down with technical computer jargon, Woodley's portrayal of Lindsay provides a breath of fresh air for the audience. As the film's most memorable character, her relationship with Snowden could have been afforded more time by the writers to shift focus away from the less important technical aspects of Snowden's job and show more of his human side.

Woodley's character takes on a more serious role in the film after Snowden develops epilepsy, an important part of his story which would have been very easy for the director to ignore (thank you Stone for treating Snowden's disorder with sensitivity). The film's editing, which is otherwise unremarkable, makes these moments more impactful. The effect of missing frames and dissonant sound as Lindsay calls his name help the audience to better understand what is personally at risk for Snowden.

The scene in which Snowden describes the scope of the NSA's global surveillance network also stands out because of its visual power. Computer-generated imagery accompanying his explanation of "hopping" within the NSA's database succeeds in communicating the massive amount of personal

information he could accumulate from just a fraction of the data amassed by the organization. As the only heavy use of CGI in the film, the scene stands out not for feeling awkward and out of place but for concisely manifesting what Snowden is fighting against.

It is clear from scenes like this that Stone is staunchly in support of Snowden, and this is what differentiates the film from other media coverage, which typically tries to demonize him and those connected to him. Though his story is undeniably politically charged and partly concerns Lindsay's liberal influence on Snowden's initially conservative mindset (particularly during the 2008 election), the film remains firmly non-

partisan throughout.

President Bush is criticized for allowing the implementation of unethical practices by the NSA, but President Obama is similarly censured for not enacting his campaign promise for surveillance reform. That is not to mention the subtle digs taken from real interviews at both presidential hopefuls Donald Trump, who implies that Snowden should be executed, and Hillary Clinton, who condemns him as a

thief and lawbreaker.

The film ends in a moving scene, which features Edward Snowden speaking through video to a hall of students. His message is one of national and global unity — we should all come together to hold our government accountable for their actions so that "whistleblowers" like him will become less radical. He makes it clear that he never intended to hurt the United States government and was simply upholding the founding principles of the country by allowing the people to decide whether their government is acting justly.

Snowden is by no means a masterpiece, but is a solid film with an important message that is often overlooked by media efforts to vilify Snowden. Joseph Gordon-Levitt is well suited to the titular role, Shailene Woodley shines opposite him as Lindsay and Oliver Stone crafts an engaging story to illuminate Snowden's struggle.

However, the real triumph of this film is not Gordon-Levitt's nor Stone's, but Edward Snowden's. His ideas of holding governments accountable for their practices and the power of ordinary citizens to enact change are now globally pervasive, and his voice has more reach now than ever before.

Snowden is currently playing at the The Charles Theatre, the Cinemark Towson and the AMC Loews at White Marsh.

A short preview of the acts performing at JAM

By DUBRAY KINNEY
Arts & Entertainment Editor

This year during Young Alumni Weekend, the Hopkins Organization for Programming (HOP) announced JAM, better known as the Johns Hopkins Annual Music Festival.

JAM, a fall alternative to the Spring Fair concert, was announced via the HOP's Instagram account over the summer with a cryptic video. Over the past week, the performers for the show have been announced. Headlining is iLoveMakonnen, with openers Party Favors, D.R.A.M. and Robert DeLong.

If any of these acts are unfamiliar with you, don't worry, *The News-Letter* has your back with this short primer on each of the acts.

1. iLoveMakonnen

iLoveMakonnen, also known as Atlanta native Makonnen Sheran, came into the national spotlight with his club banger "Tuesday," in 2014. Shortly after the songs release, Drake jumped on the track for a well-charting remix that resulted in Makonnen being offered a spot on Drake's OVO Sound, a subsidiary of Warner Bros. Records.

2. Robert DeLong

Electronic artist Robert DeLong is known for his eclectic influences that fuel his even crazier recording method which uses things such as video game console controllers.

3. Party Favor

EDM artist Party Favor is known for his wild live shows as well as his latest EP, *Party and Destroy*, which features songs with Gucci Mane, Rich The Kid and Dillon Francis. Expect a live show with more energy than their Spring Fair counterparts The Chain-smokers.

4. D.R.A.M.

D.R.A.M., famous for his jolly looks and chill verses, blew up with 2015's "Cha-Cha" and recently he's been gaining even more heat after a song with Lil Yachty, "Broccoli." He may also play his newest single, "Cash Machine."



GAGESKIDMORE/CC-BY-SA-2.0
Joseph Gordon-Levitt stars as the controversial lead in *Snowden*.

CARTOONS, ETC.

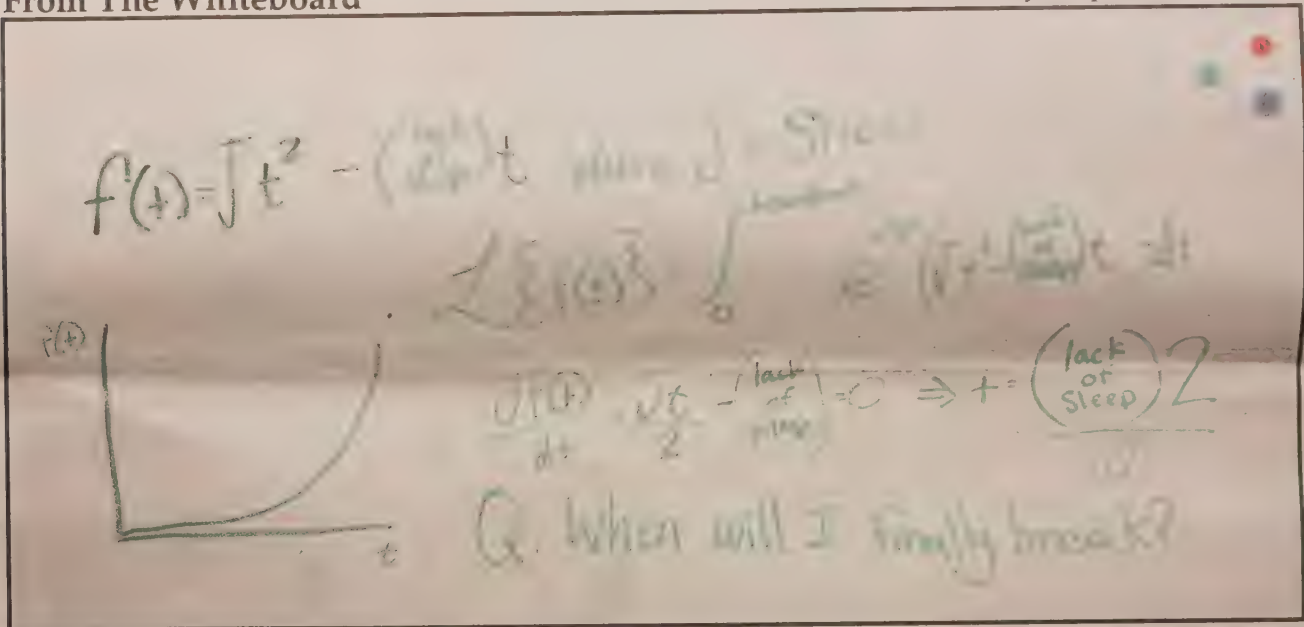
Grave Humor

By Stephanie Herrera



From The Whiteboard

By Stephanie Herrera



WANTED:

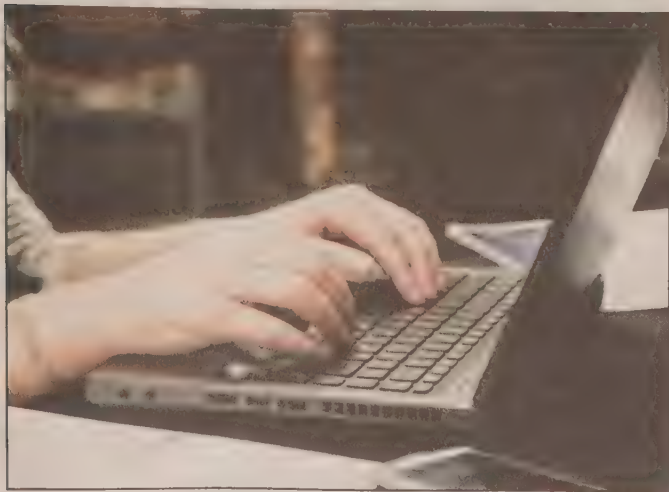
The News-Letter is looking for students to contribute to the Cartoons section! You don't have to be an artist to have your work shown! Cartoons, puzzles, weekly comic strips or even simple sketches and drawings: We can publish them all right here.

If you have any questions or have work to submit, please email

cartoons@jhunewsletter.com.

SCIENCE & TECHNOLOGY

Online therapy may help prevent depression



terion for subthreshold depression as a rating of 16 or more on the Center for Epidemiological Studies Depression Scale (CES-D).

The potential participants were also screened based on their recent diagnostic and treatment history. Individuals who had a history of MDD or psychotherapy in the past 6 months were not eligible for the study. Moreover, at the time of recruitment, the screened individuals were excluded if they currently met diagnostic criteria for a major depressive episode, bipolar disorder or psychotic disorder.

Overall, 406 adults with subthreshold depression were recruited into the study, with about half (202) randomized into the intervention group and the other half (204) placed into the control group. In the treatment group, the research participants were able to benefit from an online training course called GET.ON with the help

of individually assigned online trainers who supported them throughout the exercises and provided them with written feedback following each session.

The exercises were based on behavioral and problem-solving therapy, and the research participants were urged to complete at least one session per week or two, if possible. Consisting of six sessions, each lasting about 30 minutes, the training course did not demand a significant time commitment from the participants.

Study subjects randomized into the control group, however, received only enhanced usual care. Through a web-based medium, the participants were provided with information about evidence-based treatments for MDD that they might not have otherwise learned from a visit to a primary care clinician. These participants also did not benefit from the support from an online trainer.

Following the use of the training and educational modules, the participants were contacted by the research team at six-month and 12-month follow-up checkpoints at which they were assessed for the development of MDD. SCID (Structured Clinical Interview for

SEE TRAINING, PAGE B8

Hopkins lab explores epigenetics in cancer

By PAIGE FRANK
Staff Writer

Winston Timp, a professor in the biomedical engineering department here at Hopkins, heads a lab that explores everything from the fiery metabolism of hummingbirds to the causes of colon and pancreatic cancer. Timp's lab is located in Clark Hall.

"I really enjoy coming up with the ideas, looking at the data, and trying to figure out what's happening," Timp said.

For Timp, research began far before he acquired his lab in 2013. As an undergraduate student, he studied at the University of Illinois at Urbana-Champaign and majored in biochemistry, chemistry, physics and electrical engineering.

In 2007, he began working jointly with Andre Luchancko and Dr. Andrew Feinberg, a Bloomberg Professor in the department of biomedical engineering, to complete his postdoctoral research at Hopkins. At that time, Luchancko was focusing on how signaling pathways affect cancer and Dr. Feinberg was using epigenetics to investigate cancer.

Epigenetics, the study of the epigenome, which

is a portion of each cell distinct from the cell's main genome, is one of the primary focuses of Timp's lab. Though the epigenome is not comprised of DNA material like the primary human genome, it does play a role in the expression of DNA.

Not all of the DNA contained in the nucleus is expressed. The epigenome not only guides which DNA the each cell expresses but also provides the instructions that give each cell its identity. It's what helps make a skin cell different from a stomach cell.

While Timp's current work takes some inspiration from the work he did with Dr. Feinberg and Luchancko, he focuses more on the biophysical level of epigenetics as well as technological development. Timp divides his work into three main projects: Sequencing technology development, infectious disease and epigenetics in cancer.

In terms of technology development, Timp focuses on expanding the use of DNA methylation, a technique that places marks on specific DNA segments to prevent or induce protein binding. Right now, his lab is

SEE TIMP, PAGE B9

By JOAN YEA
Senior Staff Writer

Major depressive disorder (MDD), according to the World Health Organization (WHO), is projected to be one of the three leading causes of premature disability and mortality by 2030. However even if 100 percent of MDD patients utilized currently available evidence-based treatments, two-thirds of the people suffering from the disorder, according to one estimate, would still remain untreated.

Since full recovery from MDD has been shown to be difficult to achieve, the importance of prevention has been increasingly acknowledged. Recently, studies have

demonstrated that psychological intervention is effective at preventing MDD in individuals with subthreshold depression.

In May 2016, an international team of researchers led by David Ebert, senior researcher at the Department of Clinical Psychology and Psychotherapy of Friedrich-Alexander-Universität, Germany, has shown for the first time that web-based psychological intervention can prevent the onset of MDD. The study, published in the *Journal of the American Medical Association*, illustrates a randomized clinical trial involving German citizens suffering from subthreshold depression.

The researchers defined the eligibility cri-

Study splits giraffes into four species

By RAYYAN JOKHAI
Staff Writer

An unexpected finding has debunked a once accepted idea that all giraffes are of a single species composed of several subspecies. A recent genetic study done on giraffe relationships shows that the world's tallest mammals are not in fact one species, but four distinct species.

Published in the journal *Current Biology*, the discovery sheds light on the scientific attention deserved by the four genetically isolated species and the conservation precautions that should be taken to protect them. Axel Janke, a geneticist at the Senckenberg Biodiversity and Climate Research Centre and Goethe University in Germany, noted that the findings were especially

unexpected because the visible, morphological differences in the coat patterns of each species of giraffe is very subtle. He also added that giraffes were initially assumed to have similar habitat settings, which would allude to maximal reproductive compatibility across various geographic regions. However, because studies on giraffes are often neglected in science, no profound analysis was ever conducted.

The steps toward the discovery began around five years ago, when Julian Fennessy of Giraffe Conservation Foundation in Namibia wanted to investigate similarities and differences amongst giraffes that varied through geographic regions of Africa. He was most interested in how

SEE GIRAFFES, PAGE B8

Researchers disprove the 'five-second' rule

By ELIZABETH LIU
Science & Technology Editor

Most people have referred to the "five-second rule" in order to save a tasty morsel that has fallen on the germ-covered ground. However, staunch believers of this popular rule may want to reconsider. Scientists from Rutgers University have conducted an experiment that disproves the widely accepted belief that food that was dropped on the ground is clean as long as it is picked up within five seconds.

These researchers, however, are not the first to explore this phenomenon. A study published three years ago in the *Journal of Food Protection* concluded that certain fresh-cut produce dropped on particular surfaces can become contaminated in less than five seconds.

The T.V. show *Myth-Busters* also performed an experiment to test the validity of the five-second rule. The verdict? Busted. However, this new study, published in the journal *Applied and Environmental Microbiology*, aimed to systematically quantify cross-contamination in a comprehensive manner.

To do so, Extension Specialist in Food Science and Distinguished Professor at Rutgers University Donald Schaffner, and Robyn Miranda, a graduate student at the Rutgers School of Environmental and Biological Sciences, tested four different foods — watermelon, bread, buttered bread and gummy candy — on four types of surfaces: Stainless steel,



OLICHEL/CCO-PUBLIC DOMAIN

Food that has fallen on a table has probably been contaminated by bacteria before five seconds has passed.

ceramic tile, wood and carpet.

Each surface was coated in *Enterobacter aerogenes* bacteria that grew in either tryptic soy broth or peptone buffer media and was allowed to dry completely before the trials began. Though harmless to humans, *Enterobacter aerogenes* is a close cousin of salmonella, a common food pathogen. It was chosen since it mimics salmonella's mechanism of attachment when transferring onto different surfaces.

The researchers dropped the different types of food from a height of 12.5 cm, which was previously determined to be the greatest height possible that would allow the food to reliably contact the entire surface. The food was left on the surface for either less than one second, five seconds, 30 seconds or 300 seconds. Each condition was repeated 20 times, allowing the researchers to

collect a total of 2,560 data points.

Schaffner and Miranda discovered that the wetter the food, the more bacteria that transferred onto it when dropped. Specifically, watermelon had the most contamination, while gummy candies had the least. The researchers also observed that contamination could occur in a fraction of a second and that longer contact times resulted in higher bacterial transfer rates, as expected.

"Transfer of bacteria from surfaces to food appears to be affected most by moisture," Schaffner said according to a press release. "Bacteria don't have legs, they move with the moisture, and the wetter the food, the higher the risk of transfer. Furthermore, longer food contact times usually result in the transfer of more bacteria from each surface to food."

The researchers also compared the transfer

rates of bacteria from different surfaces. Carpet came out on top, with significantly lower transfer rates than those of ceramic tile and stainless steel. The transfer rate for wood, on the other hand, was found to be more variable.

The food and surface combination that was the best at resisting bacterial transfer was gummy candies on carpet, which did not become contaminated within five seconds. However, the researchers caution that this exception is not enough to prove the validity of the five-second rule. Many factors, such as moisture, type of bacteria and surface topology, may be just as important as the length of contact time.

"The five-second rule is a significant oversimplification of what actually happens when bacteria transfer from a surface to food," Schaffner said in a press release. "Bacteria can contaminate instantaneously."



CHARLESSHAR/CC-BY-SA4.0

Researchers proved that giraffes are four genetically isolated species.

SCIENCE & TECHNOLOGY

Dangers of prestigious scientific journals



Duy Phan
The Brain Wave

Publish or perish. This is a familiar saying among academic researchers, reflecting the sentiment that a scientist's worth is judged by his or her publications. Without publications, the postdoctoral researcher cannot advance to faculty jobs. Without publications, the junior faculty cannot be promoted to Associate Professor. Without publications, principal investigators (PIs) cannot obtain grants to support their labs.

These days, however, it is not enough to just publish. There is now more and more pressure for scientists to publish in the "prestigious" scientific journals, namely *Cell*, *Nature* and *Science* ("CNS journals" for short). Among many large research universities, it is now almost a requirement to have a publication in CNS in order to be considered for faculty position. At other research institutions, the lack of CNS papers will get a PI fired. A publication (or lack of) in a CNS journal has now become a matter of life or death in the life of an academic scientist.

This obsession with flashy journals is dangerous for the future of academia.

What exactly does it mean to be a "prestigious" scientific journal, such as CNS? In general, the perceived prestige of a journal is determined by its impact factor. Impact factor is a numerical value that is calculated from how many times papers published in a specific journal are cited by other papers. The belief is that the higher the number of citations, the more "impact" the paper has had on the field and therefore the journal gets a higher impact factor.

A journal with an impact factor greater than five is considered to be solid. CNS journals, however, have some of the highest impact factor of all journals: 30+. The philosophy is that CNS journals select for work with the highest scientific reach and quality (usually the acceptance rate is less than five percent), and this scientific importance is reflected by the overall impact factor of the journal.

The problem with the impact factor is that it is a poor representation of actual impact on the scientific community. Papers are cited not necessarily because they are of high-quality; Sometimes they are cited many times because they are just plain wrong.

In fact, just because a work is published in CNS journals does not mean that it is good scientific work, despite the journals' aim to publish work with the highest quality. Take a look at the Stimulus-triggered acquisition of pluripotency (STAP) stem cell controversy for example, in which a scientist published fabricated data in two *Nature* publications. Although these two papers have since then been retracted,

I wonder how many more erroneous articles currently are still published in *Nature* that we do not know about?

You might wonder: If CNS journals try to publish high-quality science, why is there bad science published in these prestigious journals?

The above question gets to the core of why relying on CNS journals as a marker of scientific success is dangerous. While the intentions of the CNS journals (selecting for the best science) may be noble, what happens in reality is that flashy science rather than rigorous science ends up being selected for publication. Therefore, our reliance on where the work is published, rather than the quality of the work itself, espouses a culture of science that is flashy rather than meticulous. Scientists now need to have marketing and advertising skills — whether a paper gets published in CNS or not may boil down to simply how well the scientist "sold" their work to the editor.

Our dependence on CNS journals has a wide-reaching domino effect on the rest of science. PIs now begin to pursue work that they think will get published in CNS, rather than pursuing work that they find intellectually stimulating. All creativity and innovation is replaced by a mindless pursuit for that paper in CNS. I have seen many young PIs who were destroyed mentally (and physically) by their chase for a CNS paper. Many promising young minds have been wasted by this externally constructed journal prestige. The system has to change. Otherwise, I fear for the future of academic science.

Study proves four giraffe species exist

GIRAFFES, PAGE B7

translocations of individual giraffes may have mixed different species or subspecies and how to approach this in conservation areas.

Fennessy turned to Janke for help with the genetic testing of the mammals which led to Janke and his research team examining DNA from over 190 giraffes across Africa. The DNA represented each of the nine previously accepted subspecies of giraffe that made up what was once thought of the single species.

Upon analysis, the DNA showed that there are four very unique species of giraffes which do not breed with one another in the wild. As such, this would align with the necessary implementation of new species of giraffes. The four separate species are now entitled: 1) souther giraffe (*Giraffa giraffe*), 2) Masai giraffe (*G. tippelskirchi*), 3) reticulated giraffe (*G. reticulata*) and 4) northern giraffe (*G. camelopardalis*).

The fourth group includes the Nubian subspecies (*G. c. camelopardalis*).

Fennessy hopes that this discovery will encourage African governments to found new conservation efforts and support increased protection for the mam-

mal. By splitting the numbers of individual giraffes amongst four species, each of the species is now significantly more endangered than when they were incorrectly grouped together as one.

The northern giraffe has less than 4,750 individuals in the wild and



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New research shows that the four different species of giraffes cannot interbreed.

the reticulated giraffe has less than 8,700. These numbers place these two species as some of the most endangered large mammals on earth.

The new discovery pushes researchers to further study the gene flow between the four

giraffe species. In the near future, we could expect to see work done to figure out what is restricting the gene flow amongst the giraffe species and how each is differentiated amongst one another and into further subspecies.

Researchers treat depression with web course

TRAINING, PAGE B7

DSM-IV Axis Disorders) interviews were conducted via phone to monitor the severity of depressive symptoms.

Upon statistical review of the results, the researchers found that 55 participants (27 percent) in the intervention group experienced MDD during the 12-month time span, as compared to 84 participants (41 percent) in the control group. Moreover, the average time until onset of MDD was found to be significantly delayed for the intervention group (43 weeks) as compared to the control

group (37 weeks).

"We were able to show with the study that GET.ON can reduce the risk of depression occurring effectively," Ebert said in the press release from Friedrich-Alexander-Universität. "GET.ON offers people with initial symptoms a highly effective but also flexible and low-cost way of successfully preventing the development of a depressive disorder that would require treatment."

Ebert and collaborators, however, note some factors that may have skewed their results. As with most trials study-

ing psychological interventions, research participants were aware of their study designation, which may have amplified the effectiveness of the online training course or conversely, the ineffectiveness of the enhanced usual care module.

Moreover, the research team was unsure of whether the efficacy of the GET.ON training course was mainly attributable to the exercises of the online intervention or the guidance of online trainers. Further study would be required to determine whether unguided web-based inter-

ventions would produce different results.

According to the researchers, web-based interventions have the potential to become a major preventative measure for MDD. Easily accessible at any time and place, online psychological interventions may prove to be a more effective way of administering therapy to individuals suffering from depressive symptoms, a majority of whom do not seek assistance. An online training course may appear to be a less burdensome intervention and thus, a more efficient preventative method for MDD.

Bats use head and ear movements to improve echolocation



PD-USGOV/PUBLIC DOMAIN

Bats synchronize their head and ear movements with their vocalizations when they hunt prey.

By ADARSHA MALLA
Staff Writer

Your dog does not tilt its head when you talk to it because it is confused or wants to be cute. Thanks to researchers from Hopkins, we now know this behavior, similar to one observed in bats, is not just for show.

Researchers in the Department of Psychological and Brain Sciences at Hopkins used novel observational recording methods to determine

that bats waggle their head and ears to increase the accuracy of their echolocation, the process of sensing the location of objects by producing vocalizations and then perceiving how sound bounces off of them, and more accurately detect prey.

Similar to how dogs may tilt their head from side to side to increase their field of vision since their nuzzle tends to blocks the lower half of their visual field, bats' head and ear waggles

were found to synchronize with the animal's sonar vocalizations. The interest in this behavior came out of pure curiosity following observations.

"It's an adorable behavior, and I was curious about the purpose," Melville J. Wohlgemuth, a postdoctoral fellow Department of Psychological and Brain Sciences, said in a press release. "I wanted to know when bats were doing this and why. It seemed to occur

as bats were targeting prey, and that turns out to be the case."

Wohlgemuth and his team are primarily interested in how the brain is able to sense and process auditory information and vocalizations. Bats are a great avenue for studying this since they use echolocation to track and catch prey. Bats are able to produce vocalizations and then adjust their future movements as well as vocalizations based on the echoes they hear.

In the present study, the researchers first trained bats to stand still on a platform while prey was presented in front of them. After the bats were trained, the researchers attached reflective markers to their head and ears so the bats' head and ear movements could be precisely tracked with recording equipment. Then the researchers attached mealworms to fishing wire and moved the worms towards the bats in a variety of patterns.

The patterns were both simple and complex. An example of a simple pattern could be movement of the prey towards the bat in a straight line and at a constant speed.

A more complex pattern would consist of moving the prey in a zigzag

pattern with changes in speed and time intervals of retreat. The researchers found that when the prey's movements were more complex, so were the bat's.

They observed that head waggles occurred when the prey's direction of movement changed and ear waggles occurred with changes in the prey's distance. Most importantly, the head and ear movements were coordinated with the bat's vocalizations, allowing the bat to more accurately locate the position and movement of prey.

Co-author Cynthia Moss added that most studies which aim to understand localization of prey by predators often miss subtle movements like head and ear waggles because they focus on the animal hunting with a fixed head position.

"By studying these movements, we as humans can get insight into how movement helps animals sense their environment," Moss said in a press release.

Next the researchers hope to look into the neural activity that occurs when this rather complex system of head movements and echolocation is used by bats to target movements of their prey.

Marijuana use in college students is on the rise



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Students and young adults are using marijuana at an increasing rate.

By **SCOTT ZHENG**
For *The News-Letter*

Researchers at the University of Michigan have discovered that marijuana use in college has been increasing during the past decade. One of the chief causes for the increase in marijuana use could be the decrease in students' perception that marijuana use leads to harm.

In 2006, 30 percent of students said they used marijuana in the past year, but that number has since increased to 38 percent in 2015.

Additionally, daily marijuana use (20 or more times in the past 30 days) has increased by almost 70 percent from 2007 to 2014.

"Given the stresses of the 21st century, whether they be the intense academic environment or the increasingly hard-to-navigate social scene,

marijuana helps me mellow out and escape my own mind for just a few hours a day," a student at Hopkins who is a daily user of marijuana and wishes to remain anonymous said in an interview with *The News-Letter*.

"This increase in use and decrease in perceived risk of harm regarding marijuana use should be taken seriously by college administrators, parents and students themselves. We know through other research that frequent marijuana use can adversely affect academic performance and college completion," John Schulenberg, researcher at the University of Michigan's Institute for Social Research, said in a press release.

In fact, a study conducted in 2015 showed that only 33 percent of college students believed that marijuana use was harmful. This is a drastic change

from popular opinion from 2003, when 58 percent of undergraduates thought that marijuana was a dangerous substance.

"Growing up, I never wanted to smoke. But seeing how much more accepted [smoking marijuana] is in today's society, I tried it last week. I don't think I'll be a consistent user, but I definitely don't feel negative towards those who smoke daily anymore," a Hopkins student who chose to remain anonymous said.

Despite the increasing use of marijuana, usage of other drugs has relatively decreased over the past decade.

"It appears that college students, at least, are heeding the warnings about the very considerable dangers of using narcotic drugs," Lloyd Johnston, researcher at the University of Michigan's Institute for Social Research, said in a press release.

Indeed, nonmedical use of prescription narcotics has decreased from 8.8 percent of college students reporting them in 2006 to 3.3 percent in 2015. Additionally, the usage of amphetamines has fallen to 9.7 percent in 2015 from 11.1 percent in 2012.

The use of other drugs like synthetic marijuana and MDMA, also known as ecstasy or "Molly," have also fallen in the most recent data. However, drug use in males remains higher than drug use in females.

The decrease in drug use prevails across legal drugs such as tobacco and alcohol as well. Cigarette

smoking has decreased from a high of 31 percent in 1999 to 11 percent in 2015, the lowest rate it has ever been since it was first measured.

While alcohol use remains very common, since 79 percent of college students claim that they have had a drink at least once in the past year, and 63 percent say so for the past month, these numbers actually represent a decrease since their peak in the early 1980s.

Meanwhile, 40 percent of college students reported that they had binged on alcohol (five or more drinks on a single occasion). Furthermore, about 11 percent of students reported that they had 10 or more drinks on one occasion in the past two weeks, a term called "extreme binge drinking."

"Of even greater concern than binge drinking is what we have called 'extreme binge drinking,' defined as having 10 or more drinks on at least one occasion in the prior two weeks. Drinking at these levels can result in alcohol poisoning, serious accidents and a host of unwise and dangerous behaviors. So this remains a serious problem to be addressed," Johnston said in a press release.

Although drug education has come a long way, as evidenced by the decreases in use across almost every type of drug, it seems that students should be educated more in order to address any problems associated with marijuana and alcohol use.

Study examines PTSD using neuroimaging

By **FERNANDO VINCENTE**
Staff Writer

There is a chart titled 'Causes of Stress' on the American Psychological Association's website. It describes the worries of the general public and it includes factors such as money, work, personal health concerns, housing costs, relationships and personal safety. These stress inducers are ubiquitous in American society — even the least prevalent issue, personal safety, is reported to affect 30 percent of the population as of 2010.

Another less common cause of stress is trauma, though it has the same or even greater severity. The U.S. Department of Veterans Affairs estimates that over half of the population has experienced trauma at some point during their lives. About 20 percent of those who experience it go on to develop a psychological disorder termed Post-Traumatic Stress Disorder (PTSD).

An estimated 22.4 million Americans are affected by PTSD. The departments of bioengineering and psychology at The University of Texas at Arlington (UTA) carried out interdisciplinary research to uncover the physical dysfunctions associated with the mental health condition.

The bioengineers leveraged a cutting-edge imaging technique called functional near-infrared spectroscopy (fNIRS) to visualize the blood flow in the neuronal networks of subjects. These results were then fiddled with to obtain a measure of brain activity with respect to position.

In parallel, the psychologists designed and developed a Stroop test in order to induce and study PTSD-related responses. The test demonstrates the interference effect. When the name of a color is printed in a color not denoted by the name (the word yellow printed in red ink), naming the color of the ink takes more mental effort than just reading

the word. The subject must ignore the printed letters and focus on the ink color to deliver the correct answer. This interference of the mind in blocking the printed stimuli is well-documented in activating the front side regions of the brain.

The subjects were divided into two groups — healthy control and PTSD. Each group was administered two Stroop tests, a neutral subtest and an incongruent subtest. The neutral subtest exposed subjects to the name of the color and the ink printing of the same color. The incongruent subtest exposed subjects to the actual Stroop effect. When exposed to the neutral test, both groups performed comparably. The incongruent test demonstrated significant difference between both groups while imaging with fNIRS.

While the healthy group showed some alteration in brain activity in small scattered regions, the PTSD group showed significant deactivation across the brain. The left side of the brain in particular generated remarkably extreme deactivation.

The findings suggest an active inhibition of neural activity in PTSD patients.

"The study demonstrates that fNIRS could be a portable and complementary neuroimaging tool to study the cognitive dysfunctions associated with PTSD," the scientists said in *Nature*.

The primary investigator, Hanli Liu, was recognized for this discovery. Liu had previously used fNIRS to increase blood flow in neurons on the forearm. Her research in PTSD was the first to use the imaging technique within the brain. "Dr. Liu and her collaborators have made incredible strides in identifying how the brain is affected by trauma, as well as how to treat disorders such as PTSD noninvasively with light," Michael Cho, head of UTA's bioengineering department, said in a press release.

Timp lab explores infections, diseases and cancer

TIMP, PAGE B7

exploring the limits of the minION nanopore sequencer in regards to detecting DNA methylation. The sequencer is a small device, approximately the size of a deck of cards, that is capable of sequencing long segments of DNA. The device costs approximately \$1000 and, while it is designed primarily for DNA sequencing, it has the potential to be a valuable tool when paired with DNA methylation.

Timp is also utilizing sequencing technology in a rather unexpected way. His lab is working on sequencing the genome of the hummingbird. Hummingbirds have heart rates that can surpass 1,200 beats per minute, they can drop their body temperatures by over 20 degrees during the night and have a metabolism that requires them to consume between 1.5-3 times their weight in food every day. Consequently, the hummingbird provides an interesting genetic enigma. Timp is working to not only sequence the hummingbird genome, but to then compare it to other birds like chickens, as well as to the human genome.

Timp's second area of study, infectious diseases, was inspired in part by repeated trips to the doctor with his children. He began to notice a pattern of diagnosis for certain diseases such as pink eye that can be caused both by a virus and by bacteria. When diagnosing pink eye, doctors can often only make an educated guess as to the source of the infection

and prescribe medication based on that guess.

In order to make a definite diagnosis, doctors would need more information on the genetic code of the pathogen causing the disease, viral RNA or bacterial DNA. Timp is confident that the integration of a small DNA sequencer, such as the nanopore minION sequencer, could drastically improve infectious disease diagnosis.

Because the sequencer is small, portable and fast, it would provide a simple way of transforming disease diagnosis from estimation to certainty. The implications, however, don't stop there. Routine use of a DNA sequencer in clinical work could help to identify unique or new infectious diseases as well as strains of the flu virus, which could improve vaccine creation. Finally, with clear diagnoses, Timp believes that the amount of unnecessary antibiotics prescribed each year, that compound the increasing problem of antibiotic resistant bacteria, would be reduced.

The lab's third area of work, epigenetics and cancer, focuses specifically on colon cancer and pancreatic cancer. Timp's interest in these two cancers stems from the fact that colon cancer is linked to a specific type of gut bacteria and pancreatic cancer is uniquely identifiable by mutated genetic material as well as lost genetic material in cells.

While Timp admits his job may not be the most glamorous in the world, he makes it clear

that there is nothing else he would rather be doing. He is motivated not only by the thrill of discovery but also by the potential to make lasting improvements to the medical and scientific communities. Timp says that one of the most difficult aspects of

his job is selecting certain research questions to explore.

"The hardest thing is saying no to good, new ideas because you know you won't be able to give them the time and attention that they need," Timp said.

Harmless bacteria used to treat MRSA infections

By **SABRINA CHEN**
Science & Technology Editor

A recent collaborative study at Forsyth Institute and Texas Tech University has proven the effect of using a harmless bacteria species to protect humans from life-threatening MRSA infections. The study shows how the non-malignant strain *Corynebacterium* interacts with the *Staphylococcus aureus* (S.aureus) strain that causes the MRSA infection by inhibiting the harmful bacteria. Furthermore, researchers have found that the interactions between S. aureus and other benign, ingrown human bacteria can lead to new treatments for other diseases.

The study was led by Dr. Katherine Lemon and Matthew M. Ramsey PhD, from Forsyth Institute and Kendra Rumbaugh from Texas Tech University. The full study is titled "Staphylococcus aureus shifts towards commensalism in response to *Corynebacterium* species." It is published in the *Frontiers in Microbiology* website.

In particular, the researchers focused on S. au-

reus that grows in nostrils, causing a risk for infection. Over a quarter of the U.S. population is exposed to this S. aureus bacteria without ever getting sick, but the presence of the bacteria does at times cause infections ranging from mild skin irritation to life-threatening MRSA.

"Our research helps set the stage for the development of small molecules and, potentially, probiotic therapies for promoting health by actively managing nasal skin microbiome composition," Dr. Lemon said in a press release. "This research identifies a role for *Corynebacterium* species in suppressing S. aureus virulence."

To determine the beneficial relationship between the two studied bacteria,

Dr. Lemon and her team looked for changes in the S. aureus gene expression during coculture with the *Corynebacterium* species. It was found that the *Corynebacterium* species caused a decrease in transcription of the harmless S. aureus genes. Furthermore, many of the S. au-

reus quorum signal accessory systems were strongly inhibited in response to the harmless strand. The evidence proved a shift to a commensal state rather than a virulent state. The S. aureus

can cause a broad array of colonization and virulence factors to interact with a host. Humans can be subjected to degraded enzymes and immune evasion machinery if exposed.

Dr. Lemon and the

other researchers chose to work with the S. aureus strain because an antibiotic resistant form of the bacteria has recently been discovered. Methicillin-resistance S. aureus, more commonly known as MRSA, has caused over 80,000 cases of invasive disease and over 10,000 annual deaths from 2005 through 2011, according to the Centers for Disease Control and Prevention.

This particular antibiotic resistant strain may foreshadow the emergence of other antibiotic resistant bacteria, so Dr. Lemon and her team are working towards finding other interactions between potentially helpful and harmful bacteria in the human microbiome in order to find novel methods of treating disease.

"We look forward to an increase in research on commensal-pathobiont interactions within the human microbiome and an ever-increasing understanding of the significance of our beneficial bacteria partners," Dr. Lemon, the head researcher, said in a press release.

SPORTS

Jays stifle Moravian in fourth-quarter rally

FOOTBALL, FROM B12
scoring drives sandwiched around a costly fumble by the Jays, giving Moravian excellent field position. Clinging to a single possession lead and with the Greyhounds seemingly possessing all the momentum of the game, it would ultimately be the Hopkins defense that stepped up and closed the game for the Jays.

Senior defensive back Marcus Spearman would step in front of a pass and corral it to give possession back to the Jays, who would pick up two addi-

tional first downs and run the clock out. The Blue Jays defense was excellent all game long, playing a bend-but-not-break style, which would ultimately pay off in great dividends. The Jays ceded over 400 yards of total offense, but picked off Moravian's standout Quarterback Mike Hayes four times in the contest, while holding him to a completion percentage below 50 percent on the day. Sophomore defensive back Michael Curry had two of the four picks for the Jays, and attributed the excel-

lent defensive effort to the great intensity that the Jays displayed in practice in the week leading up to the game.

"All week we constantly pushed each other to practice hard and practice fast. I believe that showed on Saturday afternoon," Curry said. "All the coaches did a great job putting a scouting report together and making sure we were in the right positions to make a play."

Offensive standouts for the Jays included Germano, who totaled 331 passing yards on the day,

tossing two touchdowns along with two interceptions. Standout senior wide receiver Bradley Munday recorded a Hopkins record of 16 receptions for 100 yards in the contest. Defensively, the Jays were paced by senior linebacker Garrett Spek, who recorded a career high 15 tackles, and senior defensive end Kyle Bonci, who led the team with two sacks.

Next week the Jays will return to the gridiron when they hit the road to face the Muhlenberg Mules, who also sit at 3-0 on the season.

Who will dominate men's tennis in 2017?

Daniel Landy
Sportpinion

With the US Open in the rear view, the men on the Association of Tennis Professionals (ATP) World Tour will finally have some time to rest after a long and grueling summer. The major season has come to a close and the Shanghai Masters and ATP Finals are the only significant tournaments left during the calendar year.

Let's look forward to next year's majors and make a preliminary power ranking of the top ten men's players going into the 2017 season, which will commence in January with the Australian Open.

Coming in at number 10 is animated, and at times controversial Frenchman, Gaël Monfils, who is known for his flare and on-court antics and draws mixed feelings from the tennis community.

However, there seems to be a wide consensus that the thirty-year-old may be playing the best tennis of his career. In addition to winning his first tournament in over two years at the Washington Open, Monfils reached the quarterfinals in the Olympics and the semifinals in the US Open. Going into 2017, Monfils will certainly continue to spark debates regarding his character, but he will also likely continue playing some of the best tennis of his career.

Beating out Monfils for the number-nine spot is Tomáš Berdych. Berdych has been a model of consistency throughout his career, reaching nine quarterfinals, five semifinals, and one final. Following his semifinal appearance at Wimbledon this year, Berdych opted to with-

draw from the Olympics due to Zika concerns. He was then forced to miss the US Open after being diagnosed with appendicitis. If his track record is any indication though, Berdych should be back in top form and ready to take on the 2017 season.

Milos Raonic takes the number-eight spot after a summer full of ups and downs. After solid showings in Australia and France, the Canadian reached the biggest stage in tennis, the Wimbledon final, where he fell to the UK native, Andy Murray.

Despite the loss, Raonic seemed to have already propelled his way into the group of tennis elites. Raonic, like Berdych, withdrew from the Olympics following Wimbledon and was then stunningly upset in the second round of the US Open. Only 25, he still has time to reach the top tier of players, but he must build upon his recent success if he wants to keep up with the sport's best.

Raonic is still unproven as an elite tennis player, unlike the next two men in the rankings, Roger Federer and Rafael Nadal. These two have already cemented themselves among the greatest players ever.

Federer's 17 major titles are the most of all-time, while Nadal's 14 are tied with Pete Sampras for second. However, neither player has recently won a major; Federer's last championship was Wimbledon in 2012 and Nadal's the French Open in 2014. Fe-

derer seemed to be poised to add to his record number of championships after reaching two finals last year and two semifinals this year.

However, injuries derailed these hopes as Federer missed the French Open, the Olympics and the US Open, after not having missed a major since the 1990s. Meanwhile, Nadal missed Wimbledon this year for the first time since 2009 and had early exits in the other three majors. His performance in the Olympics was a sign of hope, as he was able to reach the bronze medal match. While neither man had a season up to their previous caliber, Federer takes the number-six ranking, getting the slight edge over Nadal, because of his consistency when healthy over the past few years.

Juan Martín del Potro muscles his way into the top five after a sensational comeback season. Over the past several years, "Delpo" had three wrist surgeries, consequently missing nine consecutive majors.

Many believed he would never return to the level of play that he had once displayed prior to his injury. However, at Wimbledon, the Argentinian finally returned and was able to reach the third round, knocking off Stan Wawrinka along the way.

He then went to the Olympics, where he upped the ante by upsetting Novak Djokovic in the first round and ultimately earning the silver medal.

Back in the spotlight, Delpo headed to the US Open as a wild card, where he reached the quarterfinals, before Wawrinka avenged his Wimbledon loss.

Delpo has demonstrated exceptional strength, both in his rehab and with his vigor on the court. He has proven himself before with his 2009 US Open title and looks to continue defying the

odds next year and perhaps to capture a second major title.

The number-four spot goes to Kei Nishikori, who is the only Japanese man to have ever been in the top 10 or in a major final. He won the bronze medal at the Olympics and most recently, at the US Open, was able to reach the semifinals after upsetting the scorching hot Andy Murray.

Nishikori's victory over Murray was absolutely his biggest of the year, and should go a long way in instilling his confidence. His energy and finesse are remarkable and put him in position to endure lengthy matches. At 26 years old, Nishikori is entering his prime and should continue to improve going into next season.

Kicking off the top three is reigning US Open champion, Stan Wawrinka. Having also won the 2014 Australian Open and the 2015 French Open, "Stan the Man" has now won three different majors, one in each of the past three years.

What stands out about Wawrinka is his poise under pressure and his extraordinarily consistent ability to win his most important matches. In fact, he has now won the last eleven finals matches he has played in and should definitely be considered one of the best players in the world and will have another strong season in 2017, as he looks to complete the career slam.

The top two spots are a toss-up between Novak Djokovic and Andy Murray. Djokovic has unquestionably been the best player on tour for the past several years, but Murray has recently come on strong with an exceptionally dominant summer.

Djokovic won the Australian Open and French Open while Murray was victorious at Wimbledon and the Olympics. Djokovic gets the slight edge over Murray for several reasons though. First and foremost, both his Australian Open and French Open championships this year were over Murray, while Murray did not have to play the "Djoker" in order to win either of his championships. Secondly, Djokovic has been dominant for a longer period of time, winning eleven majors since 2011, compared to Murray's three.

These two players are indisputably the best in the game though, and it will be challenging for anyone else on the list to reach their current level of success. However, just as Wawrinka showed in the US Open by knocking off Djokovic in the final, it is possible, on rare occasions, to outplay the best of the best.

Field Hockey wins in overtime thriller

By COURTNEY COLWELL
For The News-Letter

The Hopkins Field Hockey team beat local opponent Goucher College on Sunday Sept. 18, in an exciting overtime victory. Hopkins was immediately put under pressure as Goucher went on the offensive. Nine minutes into the game, Goucher already had the first point on the board.

However, the Jays remained calm, as they have found themselves in this situation last season.

"We had a tendency last year to start from behind in a lot of our games," junior forward Clare Kavanagh said. "So on the one hand, we know how to battle back, but also we are working really hard to stop that bad habit... We have worked so hard on changing our team culture, and as a result we have become incredibly tenacious."

This tenacity certainly showed throughout the game, specifically in the moments just following Goucher's first goal. At the 13:50-minute mark, senior forward Victoria Piscopo tapped the ball in to tie the game. In the final minutes of the first half, the Jays continued to hustle, but they were unable to capitalize in the opening period.

At half-time, the Jays took a break to regroup and discuss strategy for the second half. Having played a game that went into overtime against the Washington College Shorewomen just two days before, the Jays had hoped to conserve their strength and finish the game in regulation time.

"Halftime has always been a collaboration between the players and the coaches," Kavanagh said. "We knew that we were tired from the double overtime on Friday, so we really needed to let the ball do the work."

With this strategy in place, Hopkins dominated in the second half, keeping the ball on the offensive side and out-shooting Goucher 10 to one. Despite

their best efforts, however, the Jays were unable to score, forcing the game into overtime.

In the beginning of the first overtime period, Goucher seemed to regain a bit of control, putting tremendous pressure on junior goalie Greta Helvie and the Hopkins defense. But the Blue Jays did not buckle under the pressure. With noteworthy saves coming with only seven and five minutes to go in the game, Hopkins continued to stay resilient despite their fatigue.

After a Goucher corner with just over two minutes remaining, Hopkins regained possession and drove the ball up the field. Senior forward Lindsey Adams then received the ball and scored the game-winning goal to give Hopkins another victory and herself a career-high three points.

With a season-high nine saves, Greta Helvie undoubtedly helped drive the Hopkins win. Fans and her teammates alike were impressed by the junior's composure in the high-pressure condensed overtime period, where she saved six shots.

In reflecting on her performance, Helvie credits her team.

"The defense did a great job of never giving up and keeping the ball out of the goal," she said. "There was one really close corner where I had basically stopped the ball like an inch in front of the goal line and [junior] Francesca Cali and [freshman] Katie McErlean came in and just sacrificed their bodies to keep it out. We've been talking a lot about playing for the team this year, and just seeing that they were pushing through the tiredness of our second overtime in three days is what made me feel like I could too."

Kavanagh also echoed Helvie's sentiment on the Blue Jays' determination.

"This team has grit. By overtime relying on our training wasn't enough. We showed more heart this weekend than any team I've been on," Kavanagh said.



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Senior forward Lindsey Adams.



ESTHER LIM/CC BY-SA 2.0
Swiss tennis legend Roger Federer lands sixth in Landy's ATP preseason predictions.

Cross country still dominant in D-I

CROSS COUNTRY, FROM B12
so many big hills and uneven footing in the woods. After finding out how difficult the course was last season, I knew what to expect this time around which helped a lot. I was much more prepared to tackle the race."

Additionally, Doran mentioned that the team dynamics helped everyone to embrace the hills and not be afraid to start the race faster than what is comfortable. In races packed with stiff competition, it is important to get off the line fast. The Jays' notable performance this past week keeps them optimistic.

"I think the team is in great shape to contend for the Centennial Conference championship, but our ultimate goal as a team is to place top 10 at nationals," Doran said. "Everyone has been looking really strong, and we can only get better from here, so I am excited to see how the rest of the season plays out."

The Blue Jays will have some down time until their next race this season scheduled for Oct. 1. The team will split up as runners will be participating in both the Great Louisville Classic in Louisville, Ky. and the Paul Short Invitational in Bethlehem, Pa.

SPORTS

Kaepernick's kneeling disrespects America

Gregory Melick
Sportpinion

While the first couple weeks of the NFL season have been filled with excitement and great games, some of the biggest storylines have been taking place during the playing of the national anthem before each game.

Since week four of the preseason, San Francisco 49ers backup quarterback Colin Kaepernick has not stood for the national anthem. He kneels right next to all his standing teammates, and many other players in the NFL have taken the same approach.

They say they are making a stand against racial inequality in this country, especially police brutality, but what they are really doing is abusing their freedom of speech in an untasteful and unproductive way.

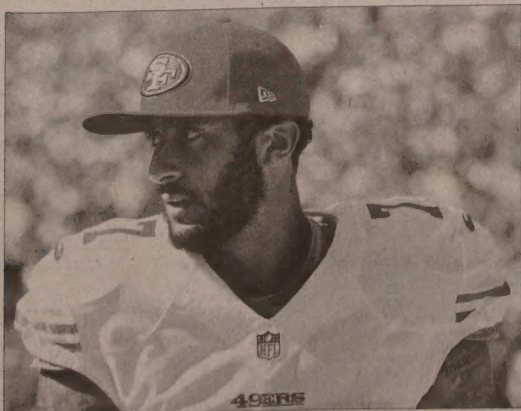
The national anthem not only represents the United States of America, but also all the brave men and women who fight for our country every day, both domestically and overseas. They fight to maintain the freedom that lets someone like Kaepernick kneel during the national anthem.

There are plenty of other places in the world where an act like that would be punishable by death, so he should be appreciative of all the freedom he is given, and the people who put their lives on the line every day in order to keep him safe while he makes millions of dollars to ride the bench.

I do not mean to say that America is perfect. There is no argument that there are plenty of problems, especially racial ones, that still need to be solved in this country. My point is that crying about it is not the way to fix anything.

By kneeling during the national anthem, Kaepernick is just complaining about the things that are wrong with this country instead of being proactive to try and help solve them. As a professional football player, he has so much influence, fame and so many resources at his disposal that he could actually lead a movement that works towards actually fixing the problem instead of just complaining about it.

As is, he is just trying to gain back the attention he once had when people thought he was one of the new elite quarterbacks in the National Football League. Because Kaepernick is protesting as a member of a team, his protest reflects poorly on the rest of his team and the rest of the NFL as well.



DAVE HOGG/CC-BY-2.0

Kaepernick's decision to kneel has caused significant controversy.

While he kneels and the rest of his team stands, it reflects a void between him and the rest of his teammates. As a team, you are not a mixture of individuals but one unit. Colin Kaepernick is trying to be an individual with his protest.

The Seattle Seahawks took a different approach to the National Anthem; when asked whether he would sit during the national anthem, linebacker Bobby Wagner said, "Anything we want to do, it's not going to be individual... The world needs to see people coming together versus being individuals."

When the time came, Wagner's teammates showed their solidarity by standing and interlocking arms during the Anthem. Maybe this unity versus the individualism of the 49ers is part of the reason the Seahawks made the playoffs last year while San Francisco came in last place in the division.

With the undeserved widespread publicity and momentum of this entire protesting the national anthem stunt, it has even spread beyond football. Megan Rapinoe of the U.S. women's national soccer team has knelt during the national anthem to protest LGBT+ inequality.

Again, I will be one of the first to acknowledge that inequality is a problem in America that we as a country need to focus on, but I find it hypocritical for someone to represent their country by playing on its national team and then protesting their country by kneeling during the National Anthem.

Team U.S. Hockey Head Coach John Tortorella said that if any of his players did not stand during the Anthem they would be benched for the entire game, and I agree with that decision. If you do not want to respect your country by simply standing up for three minutes, then you do not deserve to represent your country on the field, court or rink.

Standing during the national anthem does not mean you think your country is perfect, it just means you support the people who do their best everyday to protect the country and push it towards perfection.

As the weeks go on, the story of the one hit wonder quarterback taking a knee during the national anthem will die down, and the actual football being played will take over as it should, because the most suspenseful part of every game should not be seeing what players do during the national anthem.

By **ANDREW JOHNSON**
Sports Editor

Following her stand-out performance at the Iona Meet of Champions this past weekend, *The News-Letter* has chosen Felicia Koerner as the Athlete of the Week.

Additionally, Koerner was named the U.S. Track & Field and Cross Country Coaches Association NCAA D-III and Centennial Conference Runner of the Week after she finished in second place in the 5,000 meter race with a time of 18:11.5.

Koerner finished just four seconds behind first place finisher Teghan Henderson of Iona College, and led a group of five Hopkins finishers who all came within 37 seconds of each other. Perhaps most impres-

sively, the entire Hopkins squad was able to go toe to toe with highly regarded Division Programs that were present at the meet, signifying that this team should be able to do damage this year against Centennial Competition.

The News-Letter sat down with Koerner to gain insight into her success in cross country and time spent at Hopkins.

The News-Letter: Why did you decide to come to Hopkins? What have you liked most about being a Blue Jay so far?

Koerner: I decided to come to Hopkins for several reasons, including the opportunities for research and the strong track and field program. I wanted to run at a collegiate level,



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Felicia Koerner excelled in the 5000 meter this weekend at Iona.

and I was also interested in doing research, so it seemed like a good fit. My favorite part of being a Jay is being part of a big, tight knit team.

N-L: What initially got you into running? What are the major differences between running in high school and in college?

Koerner: I started running after years of placing second in the 800 meters at my school's sports day. I am from Germany, and our sports system is more geared towards club teams, so I was part of several different clubs but often training on my own. College is the first time I've been on a team with people of my age and ability, and I'm really enjoying having teammates to train with.

N-L: What has been your favorite experience on the cross country team?

Koerner: My favorite experience was probably our trip to Disney last year. I really enjoyed the course we raced and going to Disney World afterwards was a lot of fun.

N-L: What goals and

expectations do you have both personally for yourself and for the team this season?

Koerner: Personally, I would like to try for All-American this season, although even just racing at Nationals is an exciting prospect. As for the team, I'm hoping we can bounce back from last year's fourth place finish and show off the hard work we've been putting in.

N-L: How hard is it to balance the academic rigor of Hopkins with your athletic commitments?

Koerner: Balancing academics and athletics can be tough at times. In order to run well there are a lot of details that need to be taken care of outside of practice like recovery, strength training and cross training. However, I'm really lucky to have a strong support system in my coaches, teammates and the faculty, so it's been manageable so far.

Koerner and her teammates will look to continue their successful start to the season on Oct. 1 when they travel to Louisville, Ky. for the Greater Louisville Classic.

W. Soccer continues hot streak on the road

W. SOCCER FROM B12
The duration of the game, with the Jays having their most productive offensive outing since their six goal game against Bryn Mawr last October.

Rangecroft attributed the team's success against the Shorewomen to the energy and effort they displayed throughout the game.

"We have a very deep squad this year and everyone gave one hundred percent on Saturday," Rangecroft said. "We had four different players score goals on Saturday, and everyone that was fit to play got playing time. We always have a lot of energy from the bench and our focus and quality of

play is consistent no matter who is on the field, which helps us in all of our games and definitely played big a role Saturday."

Along with the team's energy on the field, Coulson credited the team's cohesiveness as the key to victory.

"I think a large part of why we won this weekend was that we clicked as a team; We were connecting a lot of passes offensively, as well as staying strong in the back," she said. "We play at our best when everyone is not only playing well individually, but also playing well as a team."

Rangecroft noted that these were the things the team has been focused on

since their loss to Messiah, and has helped fuel the team ever since.

Moving forward, Rangecroft is excited about the work they have put in as a team and optimistic about the rest of the season.

"We are focused on team goals that enhance the process of play and improvement, rather than results, as we hope those will come with improved play. Namely, we want to work cohesively as a unit, play composed and creative soccer and finish all our opportunities. In the end, we hope these goals, and hard work, can get us to the National Championship," Rangecroft said.

Coulson echoed her

and looks forward to the rest of the season.

"We've talked a lot about our goals this season, focusing more on the process rather than the result," she said. "One of our goals is to continually improve as the season progresses and to focus on excelling in what we can control, such as effort, communication, etc. By controlling the process, we can hopefully achieve some of the results, such as winning the Conference."

Next, the Blue Jays face off against Muhlenberg College this Saturday at Homewood Field. Kickoff is scheduled for 1 p.m. in what will be the team's first conference game at home this season.

M. Soccer's unbeaten streak snapped at six

M. SOCCER FROM B12
Chew his second goal of the season. With a little under 32 minutes left in regulation time, freshman midfielder Achim Younker sent home a long cross from junior forward Mike Swiercz, tying the game 2-2.

The Blue Jays and the Fords battled for the tie-breaking goal, with 12 shots for both sides in this competitive contest. In the third-to-last minute of the game, the Fords took their 13th shot to win the game. Haverford's Jannelli's shot rebounded off the post, giving freshman forward

Peter Baroff the opportunity to shoot to rebound it back into the net.

"Haverford's first and last goal definitely stood out. They were very scrappy goals that Haverford simply earned by their will to get to the ball first," Chew said. "For the last goal, their attacking player crashed the box and grabbed an easy rebound off of the far post before our defenders got there. We hope to learn from this moving forward by capitalizing on opportunities in both the defensive third and attacking third quicker."

Last year, the Blue Jays lost to the Fords in the Centennial Conference semifinals, which served as an incredible source of motivation heading into the season.

"The team was very excited to play Haverford," Chew said. "They are one of the best teams we get to play each year, and we wanted redemption for the loss to them last year. Haverford was an elite eight team in the NCAA tournament last year, and we definitely had our chances to win the game, [proving] that we can compete with any team in the nation."

Saturday's game broke the Blue Jay's six-game unbeaten streak since the opening of the season, the longest streak since 2010 and tied for the sixth longest in program history.

"This season is definitely off to a better start than last season," Chew said. "The team shares a hunger that is really palpable; We want to have an extraordinary season, and nothing less is acceptable."

The Blue Jays will return to the field on Sept. 21 as they travel to Stevenson University in nearby Owings Mills, Md.

SPORTS

DID YOU KNOW?

Junior kicker Jamie Sullivan was named Centennial Conference Special Teams Player of the Week, after making a 50-yard field goal this past weekend against Moravian.

CALENDAR

Friday
W. Volleyball vs. Muhlenberg; 7PM
M. Water Polo vs. Navy; 8PM

Saturday
W. Soccer vs. Muhlenberg; 1PM
Football at Muhlenberg; 2PM

Cross Country triumphs over D-I competition

By EMILIE HOFFER
Sports Editor

Van Cortlandt Park is regarded nationwide as one of the most challenging cross country courses that a collegiate athlete will face. Located in the middle of the Bronx, the course manages to have it all — the flats, the rolling backhills and of course the dreaded Cemetery Hill. Despite facing their toughest competition yet this season, along with the gut wrenching tales of Van Cortlandt Park, the Blue Jays rose to the occasion during the highly anticipated Iona College Meet of Champions on Sept. 16.

Leading the women was sophomore Felicia Koerner, who finished second overall in the race and was subsequently named the U.S. Track & Field and Cross Country Coaches Association NCAA Division II and Centennial Conference Runner of the Week. Koerner battled for the lead with Iona's Tegan Henderson throughout the 5K and would finish second among DI opponents by just four seconds. Impressively, the sophomore would cross the line in 18:11, a full 25 seconds faster than her time on the same exact course in 2015.

With Koerner leading the way, the next four Blue Jays would finish shortly thereafter, leaving a gap of only 37 seconds between the University's top five runners. Sophomore Natalia LaSpada and freshman Rebecca Grusby were next to cross the line for

Hopkins after Koerner, running 18:35 and 18:41 respectively. This was one of the smallest gaps between five scoring runners in Hopkins history, with all the Jays finishing under 19:00. Excelling among stiff DI competition and dominating the team slate, the performance was a clear testament to the "pack running" strategy that has been a focal point in the Jays' training this season.

The men, led by senior Schaffer Ochstein, had an equally impressive showing, coming away with the team win among the non-DI teams and a number of individual triumphs. Ochstein, who placed 14th overall, was just 30 seconds behind the first-place winner and led the way for the non-DI athletes to cross the line in 26:22 for the 8,000 meter race. Ochstein was followed by sophomore Alex Doran, and freshman Scott Pourshalchi, both able to finish in the top 25.

Placing second for the Jays, Doran had a breakthrough performance, running the best race of his collegiate career thus far. Adapting to his first season as a collegiate runner last year, Doran's performance in the 2015 season was inconsistent.

"Over the summer I tried to reflect on what I learned from struggling in my freshman year. I came into this season much more optimistic and confident about my ability," Doran said. "Van Cortlandt is a tough course because there are



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Senior Schaffer Ochstein led the men's team to a win last Friday.

Men's Soccer falls to Haverford on late goal

By ESTHER HONG
For The News-Letter

Battling for the victory in their Centennial Conference openers, the Blue Jays and the Haverford Fords went head to head on Sept. 17. The Blue Jays were a little over three minutes away from taking the game to overtime until the Fords scored a late goal earning them the 3-2 win. The game marks the end of the Jays' six-game winning streak.

The Fords put immediate pressure on the Jays with three shots and two corner kick attempts in the first ten minutes. In the 13th minute, the Fords' freshman forward Nick Jannelli took a pass from junior midfielder Russell Nicholson at the top of the box and sunk a shot into the left post.

"The goal fell into a mix of players in the 18

off of a cross, and their attacking [midfielder] simply got to the ball quicker," Hopkins sophomore midfielder Arden Chew said.

A little under 13 minutes after the Fords' first goal, the Jays were called for a foul about 30 yards from the goal. Taking advantage of the free kick, the Fords put another ball into the back of the net.

Although the Fords quickly earned themselves a 2-0 advantage, the Jays did not let the Fords keep their lead for much longer.

"While the loss hurts, it's very encouraging to see the team fight back from a 2-0 deficit and earn the better chances in the second half," Chew said.

After a turnover in the Fords' defensive end, Chew sent a strike past the Ford's goalkeeper to put the Jays on the scoreboard and give

SEE M. SOCCER, B11

Field hockey shines in thriller against Goucher



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The women's field hockey team bested the Goucher Diplomats by a 2-1 margin in an exciting contest that would need extra time to be decided. Senior Lindsey Adams scored the game winning goal with 2:01 remaining to give the Jays their 2nd straight overtime victory. With the win, the Blue Jays improved to 4-1 on the season, which matches their best start to a campaign since 2009. All four of The University's victories have been decided by 2-1 margins.

Page B10

Addressing the NFL Anthem Controversy

INSIDE Gregory Melick offers his stance on Colin Kaepernick's pregame protest against police brutality which has inspired many others to take action in his wake. Page B11

AOTW: Felicia Koerner

Koerner was named Athlete of the Week following her standout performance against DI competition at the Iona Meet of Champions. She finished 2nd overall in the 5000 meters. Page B11

2017 ATP Men's Season Preview

INSIDE Daniel Landy ranks the top 10 Men's Tennis Players headed into the 2017 Grand Slam slate, utilizing recent performance and track record to determine who will end the year on top. Page B10

Football holds off Greyhounds at home game

By ANDREW JOHNSON
Sports Editor

Last weekend, the Hopkins football team faced their toughest test yet this season against the Moravian College Greyhounds at Homewood Field. Both teams came into the contest undefeated in what would prove to be an entertaining matchup.

Facing an early 6-3 deficit, the 11th ranked Blue Jays went on a 26-0 run during the second and third quarters, sparked by a balanced offensive attack and a swarming defensive presence. Leading 13-6 at the halftime mark, the Jays raced down the field on the opening possession of the third, ending with an eight yard strike from standout senior quarterback Jonathan Germano to senior wide receiver Boone Lewis, Jr., putting the Jays up 19-6. The Jays would secure three additional points on the strength of a his-

toric kick from junior Jamie Sullivan. On the edge of field goal range, the Jays decided to go for what amounted to a 50 yard shot.

"Honestly we were a little surprised he called the kicking team out, but we were still very confident," Sullivan said. "I got a great snap from Bill Ferrari and a great hold from Matt, and the line took care of the rest. At 50 yards you just hope you make good contact, and I was just lucky enough to sneak it in by a yard or two."

The 50 yard kick ended up the third longest kick in program history, and it is certainly a moment which will be remembered by Sullivan and his teammates. Sullivan's confidence was aided by an end of practice routine which consistently tests his ability to connect on long range kicks.

"Every week, Nick Campbell and I kick field goals on Tuesdays and Thursday's in a com-

petition format at the end of practice," Sullivan said. "We usually back the last field goal attempt to between 45 and 55 yards. Sometimes the entire team crowds t h e a r o u n d t h e f i e l d g o a l u n i t a n d

screams to add game-like pressure."

With the Jays up 22-6, the Greyhounds mounted a 12 play, 70 yard drive. It would, however, ultimately stall after Moravian's Mike Hayes' strike to the end zone fell incomplete on fourth down. Hopkins would then go up 29-6 on the strength of a 87 yard drive that would take only four plays to complete. The possession was capped by a 49

yard scoring strike from Germano to junior Brett Caggiano that appeared to give the Jays an insurmountable lead heading into the fourth.

However, the Greyhounds displayed incredible resolve during the fourth quarter of the contest as they rallied back to cut the deficit. 29-6 quickly became 29-21 on the back of two long Moravian

SEE FOOTBALL, B10

W. Soccer dominates against Shorewomen

By GAURAV VERMA
Sports Editor

The Hopkins women's soccer team turned in a dominating performance against the Washington College Shorewomen, defeats the Shorewomen 5-1 in the Centennial Conference opener away from Homewood Stadium. The win brings them 3-1-2 on the young season as conference play gets into full swing.

The game remained 0-0 for the first 25 minutes before the Jays took the lead following a strike from senior forward Meg Van de Loo, with the assist from classmate midfielder Ana Bengoechea. From then on, the Jays did not look back. At the 40th minute, senior forward Alexa Rangecroft capitalized on a rebound following a shot from Van de Loo to give Hopkins a 2-0 lead as they went to the locker room for halftime.

Five minutes into the second half, the Jays went up 3-0 as freshman midfielder Maggie Coulson headed in a corner from Bengoechea. The Shorewomen, however, would quickly answer as junior Steph Scott converted on a penalty kick opportunity just 47 seconds later to bring their deficit back to two.

The Jays continued to keep the pressure on Washington College. Four minutes later, the Blue Jays regained their three goal lead when Coulson added her second goal of the game on a free kick from 25 yards out. In the 65th minute, senior defender Adrienne Johnson increased the lead to four when she scored her first goal of the season, thanks to assists from Bengoechea and junior Thea Harvey-Brown. The 5-1 lead would then hold for

SEE W. SOCCER, B11



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Jamie Sullivan kicked a 50-yard field goal for the win.